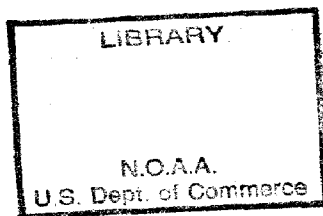


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JAMAICA
WEATHER REPORT
FOR THE MONTH OF
JANUARY, 1934.

The Bar. pressure at all the Stations, except the Hill Gardens, are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screen; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds cumulus and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

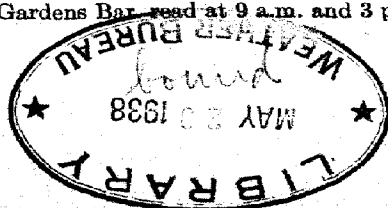
The 7th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure		Temperature.				Extreme Temperature.					
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
		ins.	ins.	°	°	°	°	°	°	°	°	°	°
Morant Point Light House	8	30.012	29.980	76.7	79.8	81.2	74.0	7.2	83.1	30	67.9	30	15.2
Kingston	24	29.986	29.939	68.0	82.0	84.3	66.9	17.4	86.5	12	64.8	11	21.7
Negril Point Light House	33	30.001	29.953	69.8	81.9	84.5	66.9	17.6	86.2	27	62.6	5	23.6
Castleton Gardens	496			65.7	76.8	79.6	64.7	14.9	82.0	10*	60.0	10	22.0
Hope Gardens†	668	30.075	29.945	65.8	79.8	82.7	64.0	18.7	85.0	7*	62.0	1*	23.0
Hill Gardens	4,900	25.265	25.252	59.5	61.3	65.3	53.5	11.8	68.0	15	51.0	1	17.0

STATIONS.	Elevation.	Dewpoint and Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
	ft.	°	%	°	%	ins.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	70	79	71	75	4.12	272	N.E	12.0	N.E.	10.0	3.8	1.6	0.6	1.7	3.0	1.0
Kingston	24	65	89	69	66	0.68	144	N	4.5	S.E.	10.3	1.9	0.6	0.0	3.4	1.9	0.2
Negril Point Light House	33	67	91	73	75	1.72	193	N.E.	8.8	Var.	11.0	0.9	0.5	1.3	3.2	2.9	0.5
Castleton Gardens	496	64	96	73	86	15.87	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	62	86	70	71	1.78	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	51	73	58	90	7.83	..	..	..	..	..	..	..	..	..	..	..

*And on other days. † Hope Gardens Bar. read at 9 a.m. and 3 p.m.



National Oceanic and Atmospheric Administration

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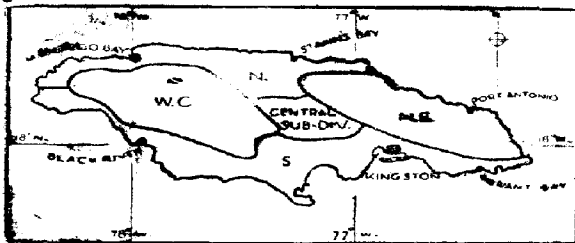
March 28, 2002

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1929." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 20 of 1923 Edition, an outline of which is given below.



January, 1934.

STATIONS.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION. (N.E.)					
Manchioneal	6.32	1.36	14	20	5.61
Priestman's River	4.30	1.10	14	10	5.66
Bath	7.84	1.27	1	16	6.12
Barrett's Gap	13.15	2.65	1	23	..
Millbank	19.86	5.00	1	20	..
Moore Town	17.31	3.10	1	24	16.89
Port Antonio	7.94	1.40	24	24	8.71
Passley Garden	6.07	1.03	24	20	..
Fellowship	9.24	1.60	17	15	12.54
Johnson River Br.	5.21	2.40	1	8	3.30
Trinity Ville	3.46	1.30	1	8	..
Shrewsbury	26.15	4.50	20	28	15.95
Hope Bay	9.06	1.65	16	27	..
Cedar Valley	5.27	2.05	1	14	3.65
Moy Hall	6.56	1.95	1	15	3.65
Paradise	22.77	4.33	20	27	..
Lennox	8.23	2.42	11	14	..
Greenvale	17.80	4.50	1	17	20.33
Spring Garden	8.54	1.80	24	27	8.92
Hill Gardens	7.83	2.85	1	13	7.10
Buff Bay	6.90	1.54	16	15	9.33
Orange Vale	27.97	8.60	18	23	..
Belvedere, Portland	11.49	3.75	18	8	12.41
Windsor Castle, do.	11.06	3.20	16	12	6.37
Balcarres	22.49	7.19	1	16	..
Mt. Holstein	13.78	6.42	1	18	16.06
Cedar Hurst	11.47	6.14	1	18	..
Hardware Gap	9.00	2.10	1	12	5.70
Rose Hill	3.09	0.70	1	12	4.11
Hermitage	5.63	1.87	30	14	..
Mount Airy	9.61	5.14	1	12	..
Stony Hill Ind. Sch.	3.74	1.25	1	14	2.96
Boon Hall	4.43	1.15	1	15	..

STATIONS.	January, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN					
DIVISION, <i>contd.</i>	Ins.	Ins.			Ins.
Brandon Hill ..	7.98	4.29	1	8	..
Iter Boreale ..	..	..	..	..	..
Enfield ..	19.54	8.20	18	16	..
Agualta Vale ..	6.69	1.76	18	12	7.44
Castleton Gardens ..	15.87	3.30	1	14	9.29
Water Valley ..	8.27	1.56	18	17	7.96
Albany ..	7.94	1.50	18	23	4.63
Lawrence Tavern ..	7.30	4.74	1	9	2.69
Wey Hill ..	8.44	2.26	1	10	..
Richmond, St. Mary ..	10.29	2.74	18	13	7.20
Quebec, St. Mary ..	8.46	1.90	29	19	6.36
Above Rocks ..	4.38	2.74	1	6	..
Glengoffe ..	6.97	3.00	1	6	..
Carew Castle ..	4.82	2.75	1	7	2.72
Hampstead, St. Mary ..	15.82	3.75	18	25	10.18
Windsor Castle do. ..	9.95	1.75	16	15	..
Troja ..	6.86	2.85	1	12	..
Pear Tree Grove ..	7.68	1.65	16	10	..
Guy's Hill ..	8.61	1.26	18	17	6.24
Lucky Hill ..	9.20	2.45	18	16	7.45
Rio Hoe ..	7.42	2.24	29	13	5.76
Unity Valley ..	6.53	2.15	29	17	4.93
Moneague ..	5.39	1.22	29	16	4.84
Claremont ..	6.38	2.00	18	12	5.91
Averham Park ..	5.79	2.47	18	16	7.06
Albion ..	4.74	1.10	29	15	5.37
NORTHERN					
DIVISION (N).					
Port Maria ..	8.85	1.30	24	17	5.85
Wentworth ..	2.50	0.97	24	9	..
Eden Park ..	..	..	..	..	..
Oracabessa ..	5.66	1.25	24	17	..
Huddersfield ..	4.79	1.20	23	8	..
Ocho Rios ..	5.70	1.00	17	13	4.73
Bogue, Ocho Rios ..	5.56	1.63	10	12	5.68
Drax Hall ..	6.05	0.92	29	16	6.03
Rockfield ..	7.44	2.31	18	12	7.67
Liberty Hill ..	6.05	..	18	13	6.53
St. Ann's Bay ..	5.26	1.30	18	13	5.22
Seville ..	..	..	..	..	5.76
Richmond Estate ..	5.18	1.45	18	12	5.82
Llandoverly ..	10.30	2.20	17	15	5.99
Runaway Bay ..	3.18	2.00	18	20	2.85
Knapdale ..	7.82	3.27	18	13	..
Alexandria ..	2.61	1.60	29	6	2.79
Bel-Air ..	5.25	1.55	18	12	..
Brown's Town ..	4.68	1.48	17	12	6.01
Watt Town, St. Ann ..	2.36	1.03	29	6	2.82
Home Castle ..	9.10	4.95	18	6	5.52
Richmond Pen ..	3.00	1.27	19	5	3.34
Arcadia ..	4.81	1.35	17	9	4.76
Vale Royal ..	4.28	1.75	18	9	5.03
Harmony Hall ..	3.90	1.00	17	10	4.02
Duncans ..	3.29	1.30	17	3	..
Clark's Town ..	..	..	..	..	..
Falmouth ..	3.56	0.99	17	8	3.82
The Hague ..	3.12	0.80	18	9	..
Wales ..	3.05	0.85	17	6	..

STATIONS.	January, 1934.					STATIONS.	January, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.					
Adelphi	Ins.	Ins.			Ins.	Mereworth	Ins.	Ins.			Ins.
Success	2.22	0.60	18	5	2.12	Mandeville	5.45	1.21	30	13	
Rose Hall	2.24	0.70	18	6	3.42	Ulster Spring	4.99	1.65	30	17	3.03
Cinnamon Hill	2.45	0.50	17	8	3.49	Marshall's Pen	3.27	0.70	29	9	3.42
Tryall	2.30	0.70	29	7	2.12	Greenvale	2.76	0.87	9	6	2.84
Running Gut	2.24	0.60	17	7	3.54	Albert Town	4.91	3.20	29	10	
Spring Estate	2.75	0.60	29	8	3.83	Craig Head	2.48	1.10	29	8	2.81
Friendship	2.07	0.90	17	6	3.74	Warsop	0.84	0.60	29	2	
Retirement	1.70	0.82	17	8	3.51	Troy	2.78	2.10	29	7	
Rose Mount	2.01	0.58	17	8		Wallingford	3.15	2.10	29	5	2.02
Montego Bay	1.67	0.40	16	8	2.88	Balaclava	5.44	1.81	29	16	1.80
Anchovy	3.04	1.04	29	9	2.85	Wakefield	5.01	1.92	30	11	1.81
Hopewell	1.73	0.74	18	8		Maggotty					
Bamboo-Hanover	1.38	0.60	17	5		Lacovia	5.04	1.05	3	16	2.90
Blue Hole	1.73	0.50	17	5	3.15	Ipswich	5.90	1.60	29	10	
Cascade	1.86	0.46	7	10		Kempshot					
Kew	2.25	0.75	17	6	2.44	Garlands	2.19	0.85	17	9	3.76
Lucea	1.47	0.97	6	4	3.13	Mocho, St. James					
Haughton Court	1.76	0.75	6	2	2.58	Bandon Pen	1.65	0.70	29	9	
Kendal	2.76	0.66	15	17		Catadupa	2.51	1.30	29	4	
Cousins Cove						Cambridge, St. James	1.55	0.95	29	4	2.36
Green River	2.95	0.92	8	11		New Market	1.43	0.66	29	8	2.33
Green Island	1.70	0.47	6	7	2.38	Kew Park	3.28	0.73	29	10	2.47
Haughton Hall						Montpelier	2.74	0.97	29	7	2.28
CENTRAL SUB-DIVISION.											
Knollis	3.32	1.98	1	4		The Bog	1.72	1.11	6	4	1.61
Highgate	5.22	1.98	1	16		Bethel Town Dist.	4.05	0.71	3	15	2.73
Rio Magno	5.42	1.90	1	13		Burnt Ground	4.04	1.25	30	10	3.41
Riversdale	6.97	3.10	1	8		Haughton Grove	1.51	0.79	30	3	2.58
Headworks, R.C.C.	5.42	0.89	28	12	1.62	Darliston	1.31	0.79	29	5	3.04
Bog Walk	7.50	2.50	1	6		Bluefields	6.45	1.87	8	12	2.93
Linstead	4.31	1.71	1	12	2.30	Whithorn	5.97	1.45	20	15	2.81
Ewarton	5.08	1.25	1	11		Water Works Pen	2.73	0.60	9	13	2.38
Cave Valley	1.45	0.60	29	6	2.21	Askenish	3.23	1.10	8	9	2.03
Guanaboa Vale	3.65	1.30	28	10		Grange Hill	1.45	0.85	17	4	3.48
Point Hill	6.08	1.60	1	15	3.41	King's Vale	1.18	0.80	8	4	2.55
Brown's Hall	2.23	0.90	30	8			2.01	0.75	6	6	3.05
Bellas Gate	2.19	0.81	30	5	1.66	SOUTHERN DIVISION (S.)					
Rock River	0.48	0.30	30	3		Morant Point L.H.	4.12	0.69	17	19	4.16
Crofts Hill	4.95	1.90	29	7	2.06	Golden Grove	7.41	1.50	6	15	
Far Enough	4.55	1.62	30	10		Pleasant Hill	7.32	1.35	6	18	4.83
Suttons	1.56	0.28	1	10		East Prospect	3.75	1.21	6	14	3.99
Colonel's Ridge	3.66	1.00	30	8		Morant Bay	2.79	1.15	6	15	2.84
Chapelton	0.90	0.31	16	5	2.09	Aeolus Valley					
Crooked River	2.38	1.15	30	11		Yallahs	1.24	0.67	1	4	
James Hill	2.26	1.09	29	6		Easington	1.78	1.20	1	5	1.60
Frankfield	3.20	1.02	30	12	1.45	Mavis Bank	5.64	3.02	29	14	
WEST-CENTRAL DIVISION (W.C.)						Bull Bay	0.09	0.09	1	1	0.73
Mocho, Clarendon	2.43	0.65	12	6	2.00	Dallas Castle	1.77	0.81	1	10	
Clarendon Park	2.78	0.76	28	12		Gordon Town	2.82	0.90	29	9	3.20
Porus	2.86	1.27	10	11		Irish Town	3.28	0.70	29	14	2.22
Borobridge	1.46	0.95	29	2		Hope Gardens	1.78	0.52	3	12	1.79
Spaldings	2.40	1.02	29	6	2.70	Waireka					
Williamsfield	2.51	0.89	30	12		Ivor	3.70	0.79	1	15	
Brokenhurst	3.78	0.85	30	10	3.08	Barbican	3.32	0.73	3	10	
Shooters Hill	5.28	2.03	30	11	2.05	Plumb Point L. H.	0.60	0.30	10	3	0.74
Wait-a-Bit	1.99	1.09	29	5	3.60	King's House Gar.	3.15	1.22	14	9	1.35
Christiana	2.27	1.22	29	11	2.37	Upper Kingston	0.83	0.20	3	11	0.55
Clifton Hill	5.85	2.43	30	8	2.10	Kingston P.W.O.	0.68	0.53	16	5	0.87
Kendal, Manchester.	4.53	1.80	30	9	2.24	Halfway Tree	3.38	1.30	14	9	0.97
						Clifton Pen	0.48	0.32	14	3	0.71
						Red Hills	4.77	1.40	17	6	

STATIONS.	January, 1934.					STATIONS.	January, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.	SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.
Quarantine Station	0.18	0.09	17	3	0.69	Great Valley, Man.	2.80	0.75	30	6	2.09
Hematine	0.85	0.31	30	6	1.12	Alligator Pond	0.71	0.20	2	5	1.39
Spanish Town	0.86	0.27	14	7	1.32	Fairfield	4.07	1.21	30	18	2.38
The Stewartry	3.25	1.17	28	8		Lititz					1.37
Cross Pen	5.98	2.03	20	13		Myersville	3.84	1.11	28	8	
Hog Hole, St. Cath.	2.44	0.52	30	9	1.54	Southfield, St. Eliz.	2.40	0.50	28	11	2.02
Old Harbour	3.93	1.05	17	6	2.03	Munro					
May Pen	2.18	0.52	10	11	1.63	Windsor, St. Eliz.	5.73	1.40	28	18	
Glen Muir	1.20	0.50	30	3		Torrington	7.09	2.25	28	9	2.26
Cottage	0.53	0.21	10	4		Santa Cruz	7.07	1.67	29	12	2.51
Belle Plain	2.32	0.85	28	6	1.75	Pedro Plains	4.03	0.95	30	8	1.60
Milk River	1.53	1.16	31	4	1.21	Mountainside					1.64
Retrieve	2.05	0.75	30	6	1.21	Fort Charles	3.04	0.66	28	7	
Hog Hole, S. Man.	4.34	1.02	10	9	1.83	Black River	3.92	1.39	29	13	1.62
Stone's Hope	4.21	1.19	28	8	2.42	Font Hill	4.35	0.95	10	13	1.76
Newport, Man.	3.72	1.24	28	12	2.56	Mount Edgecombe	4.85	1.10	3	14	2.07
						Sweet River	1.82	0.57	18	7	1.92
						Sav-la-Mar	1.79	0.61	8	8	1.66
						Little London	2.69	1.30	8	12	1.90
						Retreat	2.59	0.83	8	5	1.82
						Negril Point L.H.	1.72	0.36	4	12	1.73

NOTES.

SHOCKS OF EARTHQUAKE IN JANUARY, 1934.

COMPARATIVE TABLE OF RAINFALL
AND RAINY DAYS.

COMPARATIVE TABLE OF RAINFALL AND RAINY DAYS.					Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
DIVISIONAL AND ISLAND RAINFALL.	January.							
	Rainfall.		Rainy Days.					
	1934.	Ave.	1934.	Ave.				
	Ins.	Ins.						
North-Eastern ..	8.89	7.68	16	13			None reported.	
Northern ..	3.86	3.66	9	8				
West-Central ..	3.36	2.80	9	6				
Southern ..	2.91	1.84	9	6				
The Island means ..	4.76	4.00	11	8				

N.B. IT IS PARTICULARLY REQUESTED TO SEND ALL RAINFALL POSTCARDS IN NOT LATER THAN THE 6TH OF EACH MONTH.

THE ISLAND.—JANUARY.

The mean rainfall for the Island exceeded the average in all Divisions.

The greatest precipitation appears to have occurred at the beginning of the month, in the middle and at the end of the month, particularly on the 1st, 17th, 18th, 29th and 30th.

The greatest total fall for the month was 27.97 ins. at Orange Vale in the North-Eastern Division, and the heaviest fall in 24 hours was 8.60 ins. at the same station on the 18th.

The mean number of rainy days was 11, the average being 8. The greatest number was 28 at Shrewsbury in the North-Eastern Division.

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston	0.70	St. James	2.10
St. Andrew	4.45	Hanover	1.85
St. Thomas	5.39	Westmoreland	3.30
Portland	13.43	St. Elizabeth	4.72
St. Mary	9.56	Manchester	3.73
St. Ann	5.53	Clarendon	2.19
Trelawny	3.31	St. Catherine	4.58

CITY OF KINGSTON.

In the month of January the total rainfall amounted to 0.68 inch, the 60-year normal being 0.87 inch. There were five rainy days, as against the 49-year normal of 4.5; the greatest fall in 24 hours was 0.53 inch. on 16th. The upper boundary of Kingston gauged 0.83 inch with eleven rainy days. Distant rain was observed to northward on five days, to north-eastward on five and to eastward on four days.

The mean barometric pressure was 29.976 ins.; the 33-year normal being 29.974 ins. shewing 0.002 inch above the normal. The highest barometer reading was 30.033 ins. on 27th at 3 p.m., and the lowest 29.911 ins. on 3rd at 7 a.m., corrected for diurnal variation.

The mean monthly temperature, based upon four observations per day, was 74.8 degs.; the 33-year normal being 75.8 degs., shewing 1.0 deg. below the normal. Highest maximum temperature 86.5 degs. on 12th, and the lowest minimum 64.8 degs. on 11th. On the other hand the lowest maximum was 78.7 degs. on 1st, and the highest minimum 69.8 degs. on 20th. The maximum was below 90 degs. throughout, and the minimum was below 70 degs. each day. The greatest range of temperature was 20.8 degs. on 11th, and the least range 11.4 degs. on 1st.

Mean daily miles of wind registered was 144; the 20-year normal being 166; shewing about 87% of the normal. The greatest number of miles of wind in 24 hours was 317 on 19th, and the least 90 on the 15th. South-easterly wind continued until after 7 p.m. on 6th, 19th, 20th and 29th.

Distant thunderstorm to the NE on 1st. Intense local thunderstorm, at intervals on 1st.

The mean relative humidity was 80%, the normal being 78%, the mean 7 a.m. was 89%, and the mean 3 p.m. 66%. The lowest 7 a.m. was 82% on 16th and 21st, and the lowest 3 p.m. was 51% on 5th.

The sky was overcast in the forenoon on 7 occasions and in the afternoon on 14 occasions.

The total evaporation for the month of January was 5.46 ins. as against the 10-year average of 5.05 ins. Mean daily number of sunshine hours 6.9.

NEGRIL POINT, LIGHT HOUSE.

A Table shewing the Meteorological mean results for this Station at Negril Point Light House (situated at the extreme west of the Island) for the year 1933, is appended. The extreme maximum temperature was 93.7 degs. on 30th July, and the extreme minimum temperature was 62.9 degs. on 23rd February. The greatest range was 27.0 degs. in February, and the least range 18.7 degs. in October. The greatest monthly rainfall was 18.85 inches in October, owing to the hurricane over western parishes on 29th October, and the least was 0.16 inch in February. The total number of rainy days for the year was 156. October had 21 days, and February only 3. The year's rainfall shewed a total of 77.07 ins., which is nearly 50% above the normal.

The observations were conducted by Mr. J. S. Brownhill, the Superintendent of the Light House.

CAYMAN ISLANDS.

Government House, Georgetown, Grand Cayman.—Total rainfall for January, 1934, 2.49 ins. Greatest fall in 24 hours, 1.06 inch on 23rd with 4 rainy days.

J. F. BRENNAN,
Government Meteorologist.

Kingston,
20th February, 1934.

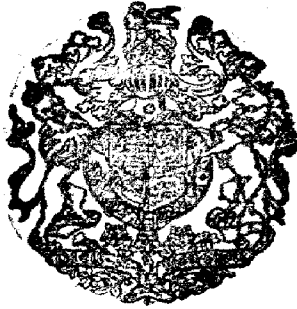
METEOROLOGICAL RESULTS FOR THE YEAR 1933.
NEGRIL POINT, JAMAICA (ELEVATIONS, See Foot Note.)

Month.	Barometer Pressure.		TEMPERATURE. (FAH.).						Extremes for Month.			Dewpoint and Humidity.			Rain-fall.	Rainy Days.
	7 a.m.	3 p.m.	Mean.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Min.	Range.	7 a.m.	3 p.m.	%	Ins.	No.
January	29.984	29.930	76.1	70.9	82.7	85.0	67.8	17.2	88.5	63.5	25.0	68	74	74	1.70	7
February	30.023	.976	75.9	70.2	82.6	85.1	67.9	17.2	89.9	62.9	27.0	66	73	70	0.16	3
March	29.984	.934	76.2	71.5	81.6	84.6	68.9	15.7	88.4	65.4	23.0	70	74	77	8.56	14
April	.937	.891	78.1	74.7	84.2	85.3	70.2	15.1	90.6	67.2	23.4	73	77	80	0.37	6
May	.926	.891	79.5	78.3	83.4	86.1	72.2	13.9	89.0	66.6	22.4	74	76	80	2.62	13
June	.900	.881	79.8	78.3	83.2	86.3	73.3	13.0	90.0	70.6	19.4	73	75	78	10.78	20
July	.944	.925	80.2	78.2	84.4	87.2	73.5	13.7	93.7	70.6	23.1	72	75	76	4.34	13
August	.909	.892	79.9	77.4	83.8	87.5	73.1	14.4	89.9	70.5	19.4	73	76	78	11.94	20
September	.865	.844	79.2	77.0	82.3	86.5	73.2	13.3	89.6	70.6	19.0	72	74	77	8.83	19
October	.812	.766	79.1	76.8	82.3	85.5	73.7	11.8	89.2	70.5	18.7	73	74	78	18.85	21
November	.900	.850	78.3	75.5	82.1	84.5	73.1	11.4	89.0	66.6	22.4	72	73	74	7.79	14
December	29.997	29.948	76.7	71.9	82.6	84.9	69.3	15.6	87.9	64.6	23.3	68	71	68	1.13	6
Means	29.932	29.894	78.3	75.1	82.9	85.7	71.4	14.3	89.6	67.5	22.1	71	74	76	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	77.07	156

Barometer pressure reduced to Standard of Kew, 32 degrees, gravity at Lat. 45° and Mean Sea Level. The 75th Meridian West of Greenwich, Standard Time used. Altitude of Barometer above Mean Sea Level 33 ft. Height of Thermometer above ground 4 ft. 6 in. Height of Rain Gauge above the ground 6 ft. 6 in. Height of Anemometer above the ground 94 ft.

NEGRIL POINT, 1935—Monthly Results, contd.

Month.	Wind Miles per diem.	Wind from and Miles per hour.			Clouds: in tenths						Weather Conditions, etc.
		7 a.m.	3 p.m.	11 p.m.	Lower.		Middle.		Upper.		
					7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	
January	203	NE 9.3	Var. 11.3	NE 7.5	0.4	1.6	0.5	3.4	1.1	0.5	Clear 11, cloudy 11, overcast 2, rain 7. Distant thunder 1 day, Rainfall above average.
February	207	NE 8.1	Var. 11.4	NE 7.4	1.5	2.0	0.4	3.9	0.9	0.5	Clear 6, cloudy 8, overcast 1, rain 3, rainfall one-tenth average.
March	232	ENE 9.0	Var. 13.0	NE 9.0	1.0	3.7	0.8	3.0	1.7	0.4	Clear 3, cloudy 10, overcast 4, rain 14, thunderstorm 1, distant thunder 2 days, rainfall above the average.
April	215	ENE 7.2	SE 14.0	ENE 6.3	0.9	2.1	0.1	2.7	2.7	0.9	Clear 5, cloudy 16, overcast 3, rain 6, distant thunder 1 day. Rainfall about one-eighth the average.
May	198	ENE 7.6	Var. 12.1	ENE 7.8	0.9	3.4	0.4	4.2	5.5	0.1	Cloudy 10, overcast 8, rain 13, thunderstorm 3, distant thunder and lightning 20 days. Rainfall one-third average. Earthquake on 12th.
June	198	ENE 6.6	ENE 9.6	ENE 7.5	2.3	4.6	0.7	4.3	5.9	0.3	Cloudy 6, overcast 4, rain 20, thunderstorm 6, distant thunder and lightning 17 days. Rainfall three times the average.
July	216	ENE 8.1	Var. 12.7	ENE 7.1	2.2	2.2	0.8	5.6	5.1	1.2	Cloudy 6, overcast 12, rain 13, thunderstorm 7, distant thunder and lightning 22 days. Rainfall below average.
August	192	ENE 7.9	SE 10.5	ENE 7.5	0.3	2.6	0.0	6.2	8.1	0.5	Cloudy 4, overcast 7, rain 20 thunderstorm 11, distant thunder and lightning 26 days, Rainfall above the average.
September	228	E 8.5	SE 11.9	E 8.2	3.0	4.0	0.4	4.2	4.6	1.6	Cloudy 3, overcast 8, rain 19, thunderstorm 6, distant thunder and lightning 18 days. Rainfall above the average.
October	233	E 10.0	Var. 15.0	E 12.0	1.6	3.5	1.8	3.4	4.7	1.6	Cloudy 7, overcast 3, rain 21, thunderstorm 9, distant thunder and lightning 5 days. Rainfall 10.74 ins. above average.
November	223	N. 11.0	N 13.0	NE 8.0	4.4	3.8	0.2	2.7	2.8	0.9	Clear 1, cloudy 13, overcast 2, rain 14, thunderstorm 2, distant thunder 4 days. Rainfall above the average.
December	227	NE 8.0	NNE 13.0	NE 10.0	1.2	1.8	1.2	3.7	2.7	0.9	Clear 3, cloudy 16, overcast 6, thunderstorm 1, distant thunder and lightning 3 days. Rainfall below the average.
Means	219	NE 8.4	E 12.5	NE 8.2	1.6	2.9	0.6	3.9	3.8	0.8	Rainfall 22.53 ins. above the average.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF

FEBRUARY, 1934.

The Bar. pressure at all the Stations, except the Hill Gardens, are reduced to the standards of Kew, 32°, gravity at Lat. 18° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screen; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds cumulus and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 7th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure		Temperature.				Extreme Temperature.					
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	ins.	ins.	°	°	°	°	°	°		°		°
Morant Point Light House	8	30.036	30.005	75.5	79.3	81.2	71.9	9.3	83.4	13	66.5	16	16.9
Kingston	24	30.011	29.963	68.4	81.0	83.7	67.1	16.6	85.7	17	65.3	18*	20.4
Negril Point Light House	33	30.024	29.980	70.5	81.1	83.3	68.2	15.1	87.6	24	63.0	8	24.6
Castleton Gardens	496	..	..	65.3	77.6	80.2	64.3	15.9	84.0	27*	60.0	26	24.0
Hope Gardens†	668	30.015	29.965	66.5	79.9	82.4	65.0	17.4	85.0	23*	63.0	1*	22.0
Boon Hall	970	..	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	25.280	25.267	60.2	62.0	65.1	53.0	12.1	67.0	2*	51.0	21*	16.0

STATIONS.	Elevation.	Dewpoint and Humidity.					Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.					7 a.m.	3 p.m.			7 a.m.			3 p.m.		
		ft.	°	%	°	%			ins.	Mls.		m.		m.	L.	M.	U.	L.
Morant Point Light House	8	69	82	71	76	12.68	263	N.E.	10.0	E.N.E.	10.0	2.7	2.4	1.1	1.8	3.6	0.5	
Kingston	24	65	89	69	68	3.77	157	N	4.9	S.E.	11.5	2.5	0.6	0.9	3.8	2.0	0.5	
Negril Point Light House	33	69	93	74	79	2.44	219	N.E.	9.7	Var.	12.2	2.0	0.6	3.2	2.2	4.0	1.0	
Castleton Gardens	496	63	95	73	85	15.59	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	63	88	70	72	3.72	..	..	..	..	..	..	..	..	..	..	..
Boon Hall	970	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	56	89	59	91	9.70	..	..	..	..	..	..	..	..	..	..	..

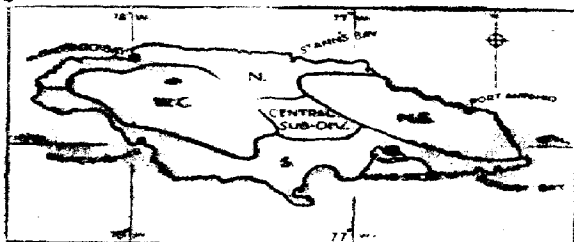
*And on other days. † Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1929". In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 20 of 1923 Edition, an outline of which is given below.



February, 1934.

STATIONS.	February, 1934.					Windsor Castle do.	25.00	4.36	16	20	..						
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.							Troja	9.18	1.67	13	17	..
		Amount.	Date.															Pear Tree Grove	12.05	3.50	14	11	..
NORTH-EASTERN DIVISION. (N.E.)												Guy's Hill	16.70	4.15	16	20	3.96
Manchioneal	10.98	3.45	6	24	5.07	Lucky Hill	19.06	4.50	14	18	4.95						
Priestman's River	18.70	7.60	6	13	4.42	Rio Hoe	11.39	3.65	14	18	3.88						
Bath	16.04	2.78	4	18	4.24	Unity Valley	13.10	3.13	14	20	3.55						
Barrett's Gap	15.52	3.10	4	22	..	Moneague	11.55	2.77	14	18	3.97						
Millbank	30.65	5.36	4	23	..	Claremont	11.02	2.60	14	14	3.96						
Moore Town	33.63	4.00	4	26	12.67	Averham Park	11.92	3.25	13	23	4.46						
Port Antonio	22.65	5.00	6	20	5.80	Albion	10.30	2.62	14	16	3.63						
Passley Garden	15.66	4.56	6	18	..	NORTHERN DIVISION (N).											
Fellowship	27.74	3.60	14	19	9.87	Port Maria	14.42	4.70	15	19	5.00						
Johnson River Br.	6.25	1.26	4	18	2.33	Wentworth	13.81	5.11	16	15	..						
Trinity Ville	5.32	1.20	4	10	..	Eden Park	..	..	..	..	..	
Shrewsbury	15.96	2.68	4	22	10.44	Oracabessa	16.78	2.43	15	16	..						
Hope Bay	14.10	2.65	4	23	..	Huddersfield	8.87	1.95	14	9	..						
Cedar Valley	6.60	0.79	11	18	2.54	Ocho Rios	12.37	5.26	14	17	3.48						
Moy Hall	8.89	1.40	10	21	2.54	Bogue, Ocho Rios	14.68	6.24	14	14	4.29						
Paradise	30.80	5.67	4	22	..	Drax Hall	17.36	6.53	14	17	4.51						
Lennox	15.92	2.67	14	17	..	Rockfield	13.95	4.40	14	18	5.22						
Greenvale	24.47	6.00	4	16	12.12	Liberty Hill	10.66	4.30	14	11	4.46						
Spring Garden	16.50	2.50	14	18	5.64	St. Ann's Bay	13.05	3.00	15	17	4.60						
Hill Gardens	9.70	2.06	13	19	4.27	Seville	..	..	..	..	4.18		
Buff Bay	13.58	2.28	13	14	7.54	Richmond Estate	8.62	4.06	14	12	4.10						
Orange Vale	26.38	7.75	14	19	..	Llandovery	..	..	..	..	4.42		
Belvedere, Portland	17.80	6.08	14	16	9.61	Runaway Bay	4.33	2.50	14	14	2.26						
Windsor Castle, do.	14.76	2.32	14	14	5.59	Knapdale	6.03	2.24	14	13	..						
Balcarres	24.19	5.34	4	15	..	Alexandria	4.61	1.95	14	9	2.93						
Mt. Holstein	17.03	3.44	5	20	8.70	Bel-Air	5.45	2.55	14	14	..						
Cedar Hurst	14.24	3.32	17	22	..	Brown's Town	5.88	2.25	14	12	4.29						
Hardware Gap	15.41	4.01	17	19	3.99	Watt Town, St. Ann	1.64	0.36	12	6	2.90						
Rose Hill	7.72	1.33	15	20	4.48	Home Castle	4.05	2.85	16	4	3.30						
Hermitage	7.98	2.92	17	17	..	Richmond Pen	3.52	1.40	14	9	2.27						
Mount Airy	12.11	2.42	17	14	..	Arcadia	2.82	1.28	16	10	2.61						
Stony Hill Ind. Sch.	9.38	3.27	17	13	2.32	Vale Royal	2.66	0.85	14	10	2.59						
Boon Hall	11.23	3.90	17	17	..	Harmony Hall	3.18	0.80	22	10	2.34						
						Duncans	3.00	0.98	1	5	..						
						Clark's Town	..	..	..	..	..	
						Falmouth	5.47	1.53	14	6	1.82						
						The Hague	7.40	1.64	14	13	..						
						Wales	5.00	2.40	14	4	..						

STATIONS.	February, 1934.					STATIONS.	February, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.					
Adelphi	3.86	0.70	5	13		Mereworth	7.07	1.75	6	19	
Success	4.51	1.70	6	6	2.23	Mandeville	9.00	2.20	6	18	2.68
Rose Hall	4.57	2.00	6	6	2.36	Ulster Spring	7.62	1.36	16	13	3.43
Cinnamon Hill	4.03	1.50	6	6	2.54	Marshall's Pen	7.83	3.05	3	9	2.82
Tryall	3.35	1.05	15	5	1.53	Greenvale	10.62	2.50	5	18	
Running Gut	5.18	1.50	6	6	2.17	Albert Town	6.97	1.65	14	9	3.06
Spring Estate	3.05	1.10	15	5	2.41	Craig Head	6.71	1.77	11	8	
Friendship	5.71	1.50	22	14	2.27	Warsop	6.60	1.63	5	14	
Retirement	5.44	1.70	15	13	1.99	Troy	11.02	4.07	11	9	3.09
Rose Mount	4.54	1.65	21	10		Wallingford	15.95	2.98	5	17	3.43
Montego Bay	3.85	1.38	22	12	1.83	Balacava	9.10	1.90	8	13	2.50
Anchovy	3.03	1.04	26	12	1.41	Wakefield	3.92	1.18	14	9	
Hopewell	3.85	0.92	13	11		Maggotty	6.40	1.62	12	14	3.45
Bamboo-Hanover	2.60	0.69	13	6		Lacovia	11.12	1.82	9	12	
Blue Hole	3.96	0.59	3	13	3.79	Ipswich					
Cascade	7.04	2.50	21	16		Kempshot	6.37	2.30	22	12	2.71
Kew	2.80	0.80	22	10	2.11	Garlands					
Lucea	2.79	1.05	4	9	3.36	Mochó, St. James	7.21	0.93	11	17	
Haughton Court	3.41	1.35	4	8	2.13	Bandon Pen	5.76	1.70	15	13	
Kendal	6.54	1.60	4	14		Catadupa	6.56	1.39	21	14	3.11
Cousins Cove	4.70	1.72	24	10		Cambridge, St. James	6.69	1.73	2	15	3.23
Green River	4.53	1.15	4	12		New Market	9.38	2.92	21	11	4.05
Green Island	4.26	1.32	11	13	2.12	Kew Park	7.00	2.11	11	12	2.84
Haughton Hall	3.62	0.62	15	15		Montpelier					1.95
CENTRAL SUB-DIVISION.						The Bog	9.82	1.72	21	15	4.05
Knollis	6.93	2.21	17	10		Bethel Town Dist.	11.10	2.45	11	15	4.02
Highgate	10.50	2.36	17	21		Burnt Ground	6.18	2.84	11	9	2.67
Rio Magno	10.29	2.00	14	16		Haughton Grove	10.26	2.21	11	13	2.92
Riversdale	8.22	3.57	13	11		Darliston	15.97	3.83	9	16	3.62
Headworks, R.C.C.	4.00	1.07	11	9	1.64	Bluefields	5.75	2.79	11	12	3.73
Bog Walk	8.60	2.10	17	8		Whithorn	6.96	2.03	21	15	3.03
Linstead	8.07	2.34	13	13	2.17	Water Works Pen	7.74	1.93	21	13	3.20
Ewarton	6.64	2.10	16	11		Askenish	8.40	2.00	6	8	3.06
Cave Valley	6.83	2.24	13	15	2.14	Grange Hill	11.12	2.85	21	15	2.75
Guanaboa Vale	8.89	1.78	19	13		King's Vale	2.66	1.96	6	9	2.62
Point Hill	11.40	2.30	17	17	3.37	SOUTHERN DIVISION (S.)					
Brown's Hall	8.92	1.54	10	16	2.18	Morant Point L.H.	12.68	4.27	6	25	2.73
Bellas Gate	5.41	1.25	14	15	1.67	Golden Grove					
Rock River	6.42	2.38	6	10		Pleasant Hill	8.35	1.50	16	20	2.53
Crofts Hill	10.42	2.32	13	15	1.47	East Prospect	3.35	0.47	17	22	2.52
Far Enough	11.04	2.90	14	16		Morant Bay	3.03	1.07	4	16	1.95
Suttons	10.92	3.30	6	16		Aeolus Valley					
Colonel's Ridge	7.31	2.11	6	15		Yallahs	2.50	0.70	12	7	
Chapelton	6.97	2.55	6	15	1.58	Easington	3.31	0.89	5	15	1.36
Crooked River	7.64	2.18	13	18		Mavis Bank	8.51	1.94	6	25	
James Hill	9.10	2.91	13	14		Bull Bay	0.85	0.18	5	7	0.42
Frankfield	7.59	1.48	14	16	2.29	Dallas Castle	7.68	1.23	5	17	
WEST-CENTRAL DIVISION (W.C.)						Gordon Town	7.72	2.40	17	10	1.77
Mochó, Clarendon	12.59	4.20	14	12	1.66	Irish Town	8.81	3.40	17	13	1.65
Clarendon Park	9.02	3.12	6	17		Hope Gardens	3.72	0.82	17	17	1.26
Porus	7.41	1.83	6	14		Waireka					
Borobridge	7.56	2.70	13	10		Ivor	3.41	2.25	17	19	
Spaldings	9.72	2.00	20	13	2.83	Barbican	2.87	0.70	17	13	
Williamsfield	11.53	1.82	20	21		Plumb Point L. H.	2.03	0.98	17	9	0.65
Brokenhurst	8.58	4.39	6	18	2.47	King's House Gar.	4.26	1.01	17	12	1.22
Shooters Hill	8.38	2.16	20	12	2.18	Upper Kingston	2.95	0.75	17	10	0.89
Wait-a-Bit	6.39	1.63	5	12		Kingston P.W.O.	3.77	1.40	17	9	0.61
Christiana	7.16	1.30	13	17	2.62	Halfway Tree	6.68	2.43	17	12	0.85
Clifton Hill	10.23	2.85	5	9	2.68	Clifton Pen	6.66	2.75	17	10	0.64
Kendal, Manchester	9.28	1.62	3	14	2.49	Red Hills	9.82	2.42	13	10	

STATIONS.	February, 1934.					STATIONS.	February, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, <i>contd.</i>	Ins.	Ins.			Ins.	SOUTHERN DIVISION, <i>contd.</i>	Ins.	Ins.			Ins.
Quarantine Station	3.02	0.95	14	9	0.44	Great Valley, Man. . .	7.07	1.97	13	9	2.40
Hematine	6.31	1.36	16	15	1.43	Alligator Pond	5.51	2.20	6	7	1.33
Spanish Town	6.54	1.70	6	17	1.33	Fairfield	13.38	2.94	6	22	2.45
The Stewartry	8.75	3.87	6	11	..	Lititz	..	..	..	..	2.01
Cross Pen	5.94	2.25	6	16	..	Myersville	7.84	2.80	6	11	..
Hog Hole, St. Cath.	10.70	4.97	6	18	1.72	Southfield, St. Eliz. . .	6.88	2.10	20	16	2.59
Old Harbour	4.05	0.85	6	14	1.77	Munro	..	..	..	..	..
May Pen	6.23	2.33	6	15	1.77	Windsor, St. Eliz.	9.62	1.50	5	15	..
Glen Muir	4.65	1.75	6	4	..	Torrington	5.72	1.04	5	11	2.45
Cottage	3.58	1.09	20	13	..	Santa Cruz	11.67	3.06	8	13	2.47
Belle Plain	6.71	3.30	6	12	..	Pedro Plains	2.28	1.15	14	8	1.38
Milk River	3.61	1.30	15	7	1.20	Mountainside	3.94	1.23	8	9	2.27
Retrieve	3.03	1.22	6	6	1.76	Fort Charles	2.42	1.10	20	6	..
Hog Hole, S. Man.	5.75	2.00	6	9	3.02	Black River	3.25	0.74	11	10	1.70
Stone's Hope	6.65	2.63	6	11	2.15	Font Hill	..	..	..	..	1.84
Newport, Man.	7.93	2.04	6	20	2.55	Mount Edgecombe	3.05	1.00	11	12	2.47
						Sweet River	6.27	2.52	9	10	2.62
						Sav.-la-Mar	6.76	2.95	21	14	2.08
						Little London	4.96	1.56	21	14	3.12
						Retreat	5.63	1.00	21	12	2.71
						Negril Point L.H. . .	2.44	0.74	15	11	1.86

NOTES.

SHOCKS OF EARTHQUAKE IN FEBRUARY, 1934.

COMPARATIVE TABLE OF RAINFALL AND RAINY DAYS.					Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
DIVISIONAL AND ISLAND RAINFALL.		February.						
		Rainfall.		Rainy Days.				
		1934.	Ave.	1934.	Ave.			
		Ins.	Ins.					
North-Eastern	..	15.07	5.48	17	10			
Northern	..	6.50	2.48	12	6			
West-Central	..	8.90	2.84	14	7			
Southern	..	5.63	1.70	13	6			
The Island means	..	9.03	3.13	14	7			
							None reported.	

N.B. IT IS PARTICULARLY REQUESTED TO SEND ALL RAINFALL POSTCARDS IN NOT LATER THAN THE 6TH OF EACH MONTH.

THE ISLAND—FEBRUARY.

The Mean Rainfall for the Island (9.03 ins.) was about three times the 60 year average, and is the highest recorded rainfall for February during the past 63 years—the previous highest being 7.22 ins. in 1921.

The greatest precipitation appears to have occurred during the first three weeks, and particularly on the 6th, 14th and 17th.

The mean number of rainy days was 14, just double the average for the month. The highest number was 26 at Moore Town, in the North Eastern Division.

The greatest total fall for the month was 33.63 ins. at Moore Town, and the heaviest fall in 24 hours was 7.75 ins. at Orange Vale in the North Eastern Division on the 14th.

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston	1.40	St. James	4.92
St. Andrew	7.85	Hanover	4.75
St. Thomas	7.65	Westmoreland ..	7.61
Portland	20.29	St. Elizabeth ..	7.54
St. Mary	15.94	Manchester	8.13
St. Ann	9.20	Clarendon	7.75
Trelawny	5.54	St. Othertie	8.25

CITY OF KINGSTON.

The total rainfall for February was 3.77 inches, and the 60-year normal 0.61 inch, representing an excessive rainfall of a little more than six times that of the normal. This abnormal rainfall was exceeded, during the past 63 years, only in February, 1879, when a total of 3.93 inches was gauged, and shewing a difference of merely 0.16 inch. It may be stated that February occupies, in the Tables, the least mean rainfall of all of the months of the year. The greatest rainfall in 24 hours was 1.40 inch on 17th. The total number of rainy days was 9, as compared with the 49-year average of 4. The upper boundary of Kingston recorded 2.95 inches with 10 rainy days.

Distant rain was observed to northward on 6 days, to NE on 8 days, to east on 2, to SE on 2, and to SW and west on one day each.

The mean barometric pressure was 30.001 inches, or 0.020 inch above the 33-year normal. Highest barometer reading 30.099 ins. on 27th at 3 p.m., and the lowest 29.921 ins. on 19th at 7 a.m. (correc. for diur. var.).

The mean monthly temperature, based upon four observations per day, was 74.5 degs.; the 33-year normal being 75.7 degs., shewing 1.2 deg. below the normal, owing to excessive rainfall. Highest maximum temperature 85.7 degs. on 17th, and the lowest minimum 65.3 degs. on 18th and 25th. On the other hand the lowest maximum was 80.8 degs. on 5th, and the highest minimum 74.3 degs. on the 26th. Greatest range of temperature 20.1 degs. on 17th, and the least range 10.1 degs. on 26th, owing to the south-easterly wind prevailing throughout the night shewing this high minimum of 74.3 degs. The maximum kept below 90 degs. throughout, and the minimum was above 70 degs. only once.

Mean daily miles of wind registered was 157, as compared with the 20-year normal of 173, or about 10% below the normal. The greatest number of miles of wind in 24 hours was 321 on 26th, and the least was 104 on 10th. South-easterly wind commenced early once, and it continued until after 7 p.m. on six occasions. It continued throughout the night once, on 26th. A southeast squall blowing at 36 miles per hour was recorded on 28th at 4.30 p.m.

The mean relative humidity was 82%; the 33-year normal being 78%. This 4% excess of relative humidity was no doubt due to the excessive rains. The mean 7 a.m. was 89%, and the mean 3 p.m. was 68%. The lowest 7 a.m. was 83% on 22nd and 28th, and the lowest 3 p.m. 54% on 20th.

The sky was overcast in the early morning on 9 occasions, and in the afternoon on 13 occasions.

Distant thunderstorm to north on one day, to westward on 13th. Moderate local thunderstorm on 13th at intervals from 6 to 8 p.m. accompanied by rain. A thunderstorm occurring in February is exceptional.

The total evaporation for February was 4.99 ins.; the 10-year normal being 4.90 ins.

The mean daily number of sunshine hours was 6.8.

MORANT POINT LIGHT HOUSE.

A Table shewing the Meteorological Results for the Station at Morant Point Light House (situated at the extreme east of the Island), for the year 1933, is appended. The extreme maximum temperature was 88.2 degs. on 29th August, and the extreme minimum was 61.8 degs. on 2nd March. The greatest monthly rainfall was 23.97 ins., in October, coincident with the time of the October hurricane; and the least rainfall was 1.23 inch in March. The year's rainfall total was 94.59 inches, as against the 60-year normal of 66.67 ins., or nearly 50% above the normal. Excessive rainfalls were recorded from June to November, in each of these six months; the amount was much above the normal. There were 193 rainy days, giving an average of 0.48 inch per rainy day. The observations were conducted by Mr. Chas. Durrant, the Superintendent of the Light House.

CAYMAN ISLANDS.

Government House, Georgetown, Grand Cayman.—No rainfall for February.

J. F. BRENNAN,
Government Meteorologist.

Kingston, March 20th, 1934.

METEOROLOGICAL RESULTS FOR THE YEAR 1933.

MORANT POINT, JAMAICA (ELEVATIONS, See Foot Note.)

Month.	Barometer Pressure.		TEMPERATURE. (FAR.)								Extremes for Month.			Dewpoint and Humidity.			Rain-fall.	Rainy Days.
	7 a.m.	3 p.m.	Mean.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Min.	Range.	7 a.m.	3 p.m.					
	Ins.	Ins.	°	°	°	°	°	°	°	°	°	°	°	°	°	Ins.	No.	
January	29.997	29.957	77.8	76.5	81.0	82.0	73.5	8.5	82.9	62.0	20.9	70	71	72	1.28	12		
February	30.039	30.006	78.3	77.2	80.9	82.0	75.0	7.0	84.4	63.8	20.6	70	71	72	1.32	11		
March	29.994	29.968	78.1	77.0	80.9	82.1	74.5	7.6	83.7	61.8	21.9	70	72	74	1.23	14		
April	.954	.916	79.5	78.5	83.0	84.4	74.2	10.2	87.5	67.3	20.2	71	73	70	1.65	4		
May	.948	.916	81.1	80.4	84.0	85.5	76.6	8.9	87.1	65.6	21.5	75	74	75	2.47	13		
June	.925	.904	81.6	81.4	83.5	85.5	77.9	7.6	87.1	72.9	14.2	76	77	79	12.59	21		
July	.965	.947	82.4	82.3	84.4	86.1	78.7	7.4	87.9	73.9	14.0	76	76	76	14.52	18		
August	.930	.907	81.7	81.1	84.5	86.4	76.7	9.7	88.2	70.1	18.1	76	76	78	13.53	18		
September	.897	.867	80.9	81.2	82.8	85.4	76.3	9.1	88.1	72.0	16.1	75	76	79	8.02	20		
October	.837	.800	79.8	79.4	81.5	84.3	75.9	8.4	87.5	71.6	15.9	75	75	83	23.97	24		
November	29.873	.837	78.9	78.5	81.3	82.9	75.1	7.8	85.6	69.8	15.8	73.	74	78	11.34	24		
December	30.004	29.970	78.9	78.6	80.9	82.4	75.8	6.6	84.2	63.5	20.7	71	71	74	2.67	14		
Means	29.947	29.916	79.9	79.3	82.4	84.1	75.8	8.3	86.2	67.9	18.3	73	74	76	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	94.59	193

Barometer pressure reduced to Standard of Kew, 32 degrees, gravity at Lat. 45° and Mean Sea Level. The 75th Meridian West of Greenwich, Standard Time used. Altitude of Barometer above Mean Sea Level, 8 ft. Height of Thermometer above ground, 4 ft. 6 in. Height of Rain Gauge above the ground, 3 ft. Height of Anemometer above the ground, 18 ft.

MORANT POINT, 1933—MAX. RECORD, contd.

Month.	Wind Miles per diem.	Wind from and Miles per hour.		Clouds: in tenths.						Weather Conditions, etc.
				Lower.		Middle.		Upper.		
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	
January	241	NE 10	NE 8	1.3	0.1	2.4	2.1	0.4	0.6	Rain 12 days, clear blue sky 2 days.
February	297	NE 13	ENE 11	2.5	0.7	2.0	2.9	0.3	0.3	Rain 11 days, clear blue sky 1 day, overcast 2 days.
March	309	ENE 15	ENE 12	2.4	0.6	2.0	3.3	0.8	0.6	Rain 14 days, clear blue sky 1 day, overcast 1 day, NE gale on 6th.
April	222	E 9	E 9	0.8	0.1	2.3	2.5	0.2	0.0	Rain 4 days, clear blue sky 4 days.
May	253	E 11	ESE 10	1.3	1.2	2.6	2.5	1.7	2.1	Rain 13 days, overcast 4 days, E gale 13th, 14th and 16th, earthquake 3 a.m. on 12th.
June	263	ENE 13	ENE 12	3.9	2.0	1.9	3.0	1.7	1.9	Rain 21 days, overcast 7 days, thunderstorm on 30th.
July	309	ENE 15	ENE 12	2.6	1.2	1.6	2.3	2.3	2.0	Rain 18 days, overcast 8 days, clear blue sky 1 day, thunderstorm 1st and 7th.
August	235	E 8	E 10	2.0	1.5	2.1	2.6	2.8	3.1	Rain 18 days, overcast 7 days, thunderstorm on 11th NE gale 16th and 16th.
September	233	ENE 10	E 9	2.0	1.8	2.3	3.3	2.1	2.7	Rain 20 days, overcast 7 days, thunderstorm on 6th E gale on 19th.
October	259	NE 13	Var. 12	2.7	3.8	1.5	1.7	2.9	1.6	Rain 24 days, overcast 11 days, thunderstorm on 2nd and 10th E gale 20th 26th 28th 30th
November	324	NE 14	NE 15	2.3	2.4	2.2	3.3	1.3	0.9	Rain 24 days, overcast 7 days, Norther 11th, 16th and 17th.
December	339	NE 16	NNE 15	2.2	1.0	2.2	2.9	0.9	1.11	Rain 14 days, NE gale on 31st.
Means	274	ENE 12	ENE 11	2.2	1.4	2.1	2.8	1.5	1.4	Rain 193 days, overcast 54 days, clear blue sky 9 days, thunderstorm 7 days.



JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

MARCH, 1934.

The Bar. pressure at all the Stations, except the Hill Gardens, are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screen; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds cumulus and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 7th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure		Temperature.				Extreme Temperature.					
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	ins.	ins.	°	°	°	°	°	°	°	°	°	°
Morant Point Light House	8	30.008	29.977	76.8	80.7	82.4	73.3	9.1	84.6	29	61.9	20	22.7
Kingston	24	29.983	29.931	69.0	82.6	84.7	67.0	17.7	88.3	7	64.8	20	23.5
Negril Point Light House	33	29.997	29.954	70.0	81.2	83.6	67.4	16.2	86.6	7	63.0	24	23.6
Castleton Gardens	496	...	...	64.8	78.2	81.5	63.8	17.7	86.0	31	59.0	20	27.0
Hope Gardens†	668	30.023	29.937	66.9	81.5	83.2	64.9	18.3	86.0	2*	62.0	20*	24.0
Boon Hall	970	...	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens	4,900	25.287	25.269	61.0	63.4	66.7	54.3	12.4	69.0	29	53.0	6*	16.0

STATIONS.	Elevation.	Dewpoint and Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
		ft.	°	%	°			%	ins.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	70	79	71	72	1.98	265	N.E.	13.0	E.N.E.	10.0	2.1	2.7	0.9	0.9	3.1	0.6
Kingston	24	64	84	68	63	1.44	160	N.N.E.	4.2	S.E.	9.3	1.5	1.2	1.3	4.5	1.4	0.6
Negril Point Light House	33	66	86	70	69	4.22	203	N.E.	8.1	Var.	10.7	1.5	0.4	2.5	3.5	3.6	0.7
Castleton Gardens	496	63	94	73	83	4.18	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	63	85	71	70	2.74	..	..	..	..	..	..	..	..	..	..	..
Boon Hall	970	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	58	87	60	88	2.39	..	..	..	..	..	..	..	..	..	..	..

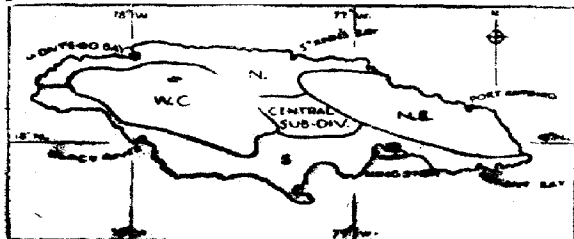
*And on other days. † Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1929". In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 20 of 1923 Edition, an outline of which is given below.



March, 1934.

STATIONS.

Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
	Amount.	Date.		

NORTH-EASTERN DIVISION. (N.E.)

	Ins.	Ins.			Ins.
Manchioneal	5.20	1.39	15	15	3.68
Priestman's River	3.60	1.00	14	11	4.28
Bath	3.92	0.74	23	14	4.29
Barrett's Gap	6.48	1.40	15	19	...
Millbank	13.47	2.11	25	18	...
Moore Town	8.25	1.50	25	18	9.97
Port Antonio	4.94	1.10	14	19	4.74
Passley Garden	4.71	1.03	27	19	...
Fellowship	5.05	1.00	25	10	7.25
Johnson River Br.	0.89	0.43	27	4	2.76
Trinity Ville	0.37	0.25	26	2	...
Shrewsbury	5.31	1.21	12	18	8.23
Hope Bay	5.75	2.05	14	22	...
Cedar Valley	1.59	0.53	13	11	3.00
Moy Hall	2.29	0.95	13	13	3.00
Paradise	6.37	1.15	12	19	...
Lennox	4.24	1.03	11	14	...
Greenvale	4.85	1.95	27	8	10.12
Spring Garden	4.21	1.18	14	14	5.81
Hill Gardens	2.39	0.52	13	7	4.55
Buff Bay	5.74	3.30	14	10	5.35
Orange Vale	7.76	1.70	28	15	...
Belvedere, Portland	5.91	1.49	12	9	6.53
Windsor Castle, do.	6.36	1.70	14	8	5.49
Balcarras	6.39	1.50	25	12	...
Mt. Holstein	3.65	1.34	25	12	7.00
Cedar Hurst	3.14	1.28	17	14	...
Hardware Gap	5.44	2.36	13	12	4.07
Rose Hill	1.86	0.30	12	10	4.53
Hermitage	2.71	0.90	9	9	...
Mount Airy	3.33	0.63	13	13	...
Stony Hill Ind. Sch.	1.78	0.39	9	8	2.97
Boon Hall	1.98	0.67	9	10	...

March, 1934.

STATIONS.

Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
	Amount.	Date.		

NORTH-EASTERN DIVISION, contd.

	Ins.	Ins.			Ins.
Brandon Hill	1.96	0.36	17	10	...
Iter Boreale	...	...	...	...	...
Enfield	6.31	1.08	25	13	...
Agualta Vale	5.69	2.50	12	11	4.43
Castleton Gardens	4.18	0.90	11	12	4.73
Water Valley	3.99	0.95	27	5	4.29
Albany	4.46	2.50	12	14	3.87
Lawrence Tavern	0.55	0.25	16	3	2.75
Wey Hill	1.56	0.36	27	9	...
Richmond, St. Mary	4.33	1.04	10	10	3.71
Quebec, St. Mary	6.28	3.00	12	9	2.91
Above Rocks	2.01	1.10	9	4	...
Glengoffe	2.84	2.50	9	2	...
Carew Castle	1.48	0.78	9	3	3.02
Hampstead, St. Mary	5.29	1.91	12	14	4.72
Windsor Castle do.	2.59	0.74	12	6	...
Troja	2.12	0.88	17	6	...
Pear Tree Grove	2.00	0.60	27	4	...
Guy's Hill	2.82	0.80	13	8	3.14
Lucky Hill	3.82	1.46	12	11	3.14
Rio Hoe	1.22	0.55	12	4	3.62
Unity Valley	1.13	0.41	12	9	3.64
Moneague	1.25	0.12	12	6	3.40
Claremont	2.00	0.68	16	4	3.17
Averham Park	3.23	0.97	14	10	3.72
Albion	3.26	1.90	14	8	3.50

NORTHERN DIVISION (N).

	Ins.	Ins.			Ins.
Port Maria	5.00	1.85	12	11	3.06
Wentworth	5.38	1.94	12	8	...
Eden Park	...	...	...	...	...
Oracabessa	6.05	2.30	16	8	...
Huddersfield	7.03	6.00	9	3	...
Ocho Rios	4.21	1.01	14	9	2.50
Bogue, Ocho Rios	4.83	1.72	14	9	3.18
Drax Hall	5.21	2.00	15	6	3.14
Rockfield	4.93	1.46	12	11	3.41
Liberty Hill	3.95	1.40	14	5	3.67
St. Ann's Bay	3.98	1.62	15	8	2.94
Seville	...	...	...	...	3.10
Richmond Estate	2.82	0.88	13	11	2.71
Llandovery	...	...	...	...	2.93
Runaway Bay	3.80	1.35	14	7	1.45
Knapdale	6.57	1.87	14	13	...
Alexandria	2.16	0.90	14	4	1.91
Bel-Air	5.80	1.65	14	11	...
Brown's Town	4.83	1.53	14	13	3.05
Watt Town, St. Ann	1.94	0.40	19	8	2.28
Home Castle	6.75	3.00	14	8	2.64
Rielmond Pen	3.62	1.85	14	5	2.36
Arcadia	5.51	2.65	14	9	2.05
Vale Royal	3.58	2.18	14	5	2.32
Harmony Hall	4.52	2.63	13	6	2.04
Duncans	3.85	2.44	14	5	...
Clark's Town	5.89	4.30	14	5	...
Falmouth	5.82	3.55	14	14	1.71
The Hague	6.21	4.30	14	6	...
Wales	5.60	3.50	14	6	...

STATIONS.	March, 1934.					STATIONS.	March, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.					
Adelphi	3.96	1.86	14	9		Mereworth	3.92	1.03	14	13	
Success	2.86	1.50	14	6	1.74	Mandeville	4.21	1.20	13	15	4.18
Rose Hall	2.44	1.50	14	6	1.64	Ulster Spring	5.65	1.92	14	11	4.09
Cinnamon Hill	2.26	1.50	14	5	1.69	Marshall's Pen	5.23	2.28	13	5	3.94
Tryall	2.10	1.15	14	5	1.60	Greenvale	3.80	1.82	12	13	
Running Gut	3.66	2.20	14	6	1.55	Albert Town	4.85	1.29	14	9	4.05
Spring Estate	1.55	0.65	14	5	1.52	Craig Head	3.08	0.80	14	7	
Friendship	4.16	0.98	18	11	2.43	Warsop	4.03	1.40	12	7	
Retirement	5.08	1.24	3	11	3.02	Troy	5.15	1.66	16	9	5.88
Rose Mount	1.46	0.52	11	11		Wallingford	9.79	2.82	11	18	4.70
Montego Bay	1.39	0.34	14	10	1.65	Balaclava	5.75	1.42	11	13	4.57
Anchovy	3.68	0.81	18	12	2.13	Wakefield	6.63	2.78	14	7	
Hopewell	3.55	0.83	3	9		Maggotty	8.13	2.41	17	13	5.93
Bamboo-Hanover	4.28	0.85	11	10		Lacovia	4.07	1.10	12	10	
Blue Hole	7.47	2.19	12	8	3.01	Ipswich					
Cascade	6.44	1.20	12	12		Kempshot	8.14	2.34	3	11	3.11
Kew	5.90	1.75	12	8	2.96	Garlands					
Lucea	5.55	2.51	12	6	2.37	Moch, St. James	9.01	2.70	14	15	
Haughton Court	6.95	3.40	12	6	2.22	Bandon Pen	8.88	4.75	14	8	
Kendal	8.83	2.50	3	14		Catadupa	5.29	1.87	14	10	4.11
Cousins Cove						Cambridge, St. James	5.69	1.35	14	15	4.77
Green River	6.59	1.38	25	14		New Market	9.43	2.26	14	12	5.53
Green Island	9.56	3.00	25	12	3.29	Kew Park	5.94	1.34	14	9	4.42
Haughton Hall	6.24	2.37	3	13		Montpelier	4.81	1.23	18	6	2.55
CENTRAL SUB-DIVISION.						The Bog	6.86	1.36	14	14	6.34
Knollis	0.63	0.33	12	3		Bethel Town Dist.	6.20	1.28	12	14	4.69
Highgate	2.20	1.12	9	6		Burnt Ground	5.59	1.33	14	8	4.53
Rio Magno	1.89	0.67	21	9		Haughton Grove	4.27	0.79	14	10	6.98
Riversdale	1.95	1.50	3	3		Darliston	10.34	1.58	12	15	6.13
Headworks, R.C.C.	2.35	1.57	9	4	2.90	Bluefields	7.42	2.42	9	15	6.93
Bog Walk	0.70	0.60	9	2		Whithorn	10.00	3.62	12	18	4.83
Linstead	0.55	0.15	27	5	3.08	Water Works Pen	5.41	1.28	12	12	5.22
Ewarton	1.00	0.39	13	4		Askenish	5.99	1.40	13	7	4.08
Cave Valley	2.16	1.01	13	6	2.70	Grange Hill	7.62	1.94	17	9	5.22
Guanaboa Vale	2.65	0.75	12	7		King's Vale	2.81	0.90	14	7	4.24
Point Hill	1.83	0.57	17	6	4.66	SOUTHERN DIVISION (S.)					
Brown's Hall	2.42	0.40	9	11	4.35	Morant Point L.H.	1.98	0.66	14	11	2.26
Bellas Gate	4.09	1.48	14	7	2.50	Golden Grove					
Rock River	1.79	0.95	14	4		Pleasant Hill	1.58	0.24	14	10	3.39
Crofts Hill	1.32	0.68	14	7	2.80	East Prospect	1.89	0.55	14	13	2.96
Far Enough	3.03	1.20	11	7		Morant Bay	1.09	0.40	14	10	1.96
Suttons	3.99	1.35	13	6		Aeolus Valley					
Colonel's Ridge	1.00	0.28	11	5		Yallahs	0.75	0.30	14	3	
Chapelton	1.08	0.70	12	3	2.60	Easington	0.28	0.21	15	2	1.39
Crooked River	1.03	0.36	9	7		Mavis Bank	1.83	0.43	27	10	
James Hill	0.59	0.40	13	3		Bull Bay	0.72	0.39	13	2	0.41
Frankfield	1.20	0.74	13	2	2.14	Dallas Castle	3.46	1.39	13	14	
WEST-CENTRAL DIVISION (W.C.)						Gordon Town	1.27	0.74	13	7	1.70
Moch, Clarendon	2.32	0.92	30	5	3.22	Irish Town	1.82	0.80	13	8	1.98
Clarendon Park	2.79	0.88	14	11		Hope Gardens	2.74	1.84	13	11	2.01
Porus	2.81	0.73	12	7		Waïreka					
Borobridge	2.52	1.12	30	3		Ivor	1.77	1.01	13	11	
Spaldings	5.57	2.05	30	7	2.66	Barbican	1.64	1.04	13	5	
Williamsfield	2.80	1.30	30	10		Plumb Point L. H.	1.20	1.05	13	4	0.83
Brokenhurst	5.24	1.50	14	13	3.05	King's House Gar.	2.05	1.32	13	4	1.54
Shooters Hill	4.03	1.68	13	6	3.02	Upper Kingston	1.58	0.97	13	6	0.76
Wait-a-Bit	4.06	1.31	16	9		Kingston P.W.O.	1.44	1.14	13	5	0.94
Christiana	5.68	1.85	12	8	4.23	Halfway Tree	2.35	1.00	29	7	1.16
Clifton Hill	4.67	2.40	13	6	2.52	Clifton Pen	1.54	0.67	13	6	1.06
Kendal, Manchester	5.04	1.99	13	6	3.28	Red Hills	1.13	0.58	25	2	

STATIONS.	March, 1934.					STATIONS.	March, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.	SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.
Quarantine Station	0.40	0.36	14	2	0.43	Great Valley, Man.	2.51	1.00	27	4	2.43
Hematine	4.11	1.61	29	7	1.52	Alligator Pond	8.67	2.83	14	14	1.61
Spanish Town	3.78	1.34	29	6	1.98	Fairfield	4.05	1.20	13	11	1.93
The Stewartry	2.28	0.94	25	5	..	Lititz	5.16	1.78	27	12	2.11
Cross Pen	1.92	0.85	9	9	..	Myersville	..	..	..	..	..
Hog Hole, St. Cath.	1.59	0.61	13	9	2.28	Southfield, St. Eliz.	3.95	0.95	12	12	..
Old Harbour	5.17	1.75	29	9	2.40	Torrington	3.67	0.80	12	9	3.13
May Pen	4.51	2.12	9	8	2.53	Santa Cruz	4.50	1.57	12	11	4.61
Glen Muir	3.70	1.20	29	5	..	Pedro Plains	6.93	1.74	27	9	1.63
Cottage	0.96	0.35	26	7	..	Mountainside	6.54	1.64	19	11	2.32
Belle Plain	4.16	2.02	13	15	..	Fort Charles	3.09	0.85	14	8	..
Milk River	..	..	..	..	1.55	Black River	3.60	1.66	12	13	2.60
Retrieve	3.37	0.70	1	7	2.10	Font Hill	5.15	1.30	14	10	3.45
Hog Hole, S. Man.	4.53	2.40	14	3	2.28	Mount Edgecombe	6.50	1.83	9	14	4.10
Stone's Hope	3.33	0.88	8	9	2.61	Sweet River	5.19	1.50	1	15	3.65
Newport, Man.	3.94	0.90	12	18	2.96	Sav.-la-Mar	8.35	2.66	1	15	2.81
						Little London	4.16	0.77	12	13	3.11
						Retreat	3.99	1.13	13	9	3.63
						Negril Point L.H.	4.22	2.03	14	12	2.77

NOTES.

SHOCKS OF EARTHQUAKE IN MARCH, 1934.

COMPARATIVE TABLE OF RAINFALL
AND RAINY DAYS.

COMPARATIVE TABLE OF RAINFALL AND RAINY DAYS.					Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
DIVISIONAL AND ISLAND RAINFALL.	March.						None	reported.
	Rainfall.		Rainy Days.					
	1934.	Ave.	1934.	Ave.				
	Ins.	Ins.						
North-Eastern ..	3.74	4.61	11	9				
Northern ..	3.85	2.37	8	6				
West-Central ..	6.05	4.25	10	9				
Southern ..	3.44	2.18	9	6				
The Island means ..	4.20	3.35	10	8				

N.B. IT IS PARTICULARLY REQUESTED TO SEND ALL RAINFALL POSTCARDS IN NOT LATER THAN THE 6TH OF EACH MONTH.

THE ISLAND—MARCH.

The Mean Rainfall for the Island was about an inch above the average, which was exceeded in all divisions except the north-eastern.

The greatest precipitation appears to have occurred from the 12th to the 14th.

The mean number of rainy days was 10, or 2 more than the average. The greatest number was 22 at Hope Bay in the North-Eastern Division.

The greatest total fall for the month was 13.47 inches, at Millbank in the North Eastern Division, and the heaviest fall in 24 hours was 6.00 inches at Huddersfield in the Northern Division on the 9th.

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston	1.41	St. James	4.41
St. Andrew	2.11	Hanover	5.97
St. Thomas	1.93	Westmoreland	6.59
Portland	2.70	St. Elizabeth	5.50
St. Mary	4.78	Manchester	4.34
St. Ann	3.62	Clarendon	2.57
Trelawny	5.10	St. Catherine	2.18

CITY OF KINGSTON.

The month of March shewed a total rainfall of 1.44 inch, the 60-year normal being 0.94 inch. There were five rainy days, as against the 49-year average of four. The upper boundary of Kingston gauged 1.58 inch with six rainy days. Distant rain was observed to northward on 5 days, to NE on 5, to eastward on 5 and to northwestward on one day.

Distant thunderstorm to westward on 12th and to northwestward on 13th.

The mean barometric pressure was 29.965 ins.; the 33-year normal being the same. The highest barometer reading was 30.060 ins. at 7 a.m. on 1st, and the lowest 29.901 ins. at 7 a.m. on 14th correct for diurnal variation.

The mean monthly temperature, based upon four observations per day, was 75.3 degs.; the 33-year normal being 76.5 degs., shewing 1.2 deg. below the normal. Highest maximum temperature was 88.3 degs. on 7th, and the lowest minimum 64.8 degs. on 20th. On the other hand the lowest maximum was 82.0 degs. on 18th, due to light rain, and the highest minimum 69.6 degs. on 30th. The max. was below 90 degs. throughout, and the minimum was below 70 degs. throughout. The greatest range of temperature was 22.5 degs. on 7th, and the least range 12.7 degs. on 18th.

The daily mean miles of wind registered was 160, and the 25-year average being 188, shewing about 85% of the average. The greatest number of miles of wind in 24 hours was 285 on 3rd, and the least 89 miles on 19th. South-easterly wind continued after 7 p.m. on 15 occasions. Moderate "norther" of short duration on 13th and 20th.

The mean relative humidity was 76%, and the 33-year average 77%. The mean 7 a.m. was 84%, and the mean 3 p.m. 63%. Lowest 7 a.m. 65% on 13th, and the lowest 3 p.m. 49% on 5th.

The sky was overcast in the forenoon on 11 occasions, and in the afternoon on 19 occasions.

The total evaporation for the month of March was 4.94 ins. and the 10-year normal is 6.64 ins.

Mean daily number of sunshine hours was 7.0.

EVAPORATION TABLES.

Attached to this Weather Report No. 689 is a Table (A) giving the results of the daily measurements of Evaporation, gauged during each month, of the year 1933, in the City of Kingston. The Evaporimeter continued to be maintained in the same position as in former years, from 1924 (vide Weather Report No. 570). From an inspection of the 1933 Table it will be seen that the maximum evaporation occurred in the month of May, when a total of 7.79 inches was gauged, representing for this month a daily mean of 0.251 inch. The minimum monthly appears in the month of October, when a total of 2.78 inches was gauged, with a daily mean of 0.090 inch, or nearly one-third that of May.

The total evaporation for the year 1933 was 64.43 inches, and the ten-year average is 71.71 ins. The excessive rains no doubt account for this discrepancy of 7.28 inches. The general monthly mean for the year gives 5.37 inches, with a daily mean of 0.176 inch, similar to that for the year 1932. It may be noted that a rain-gauge, which is installed nearly alongside the Evaporimeter, registered 85.93 inches, which shews an excess of 21.50 ins. upon the amount of evaporation for the twelve months.

The greatest evaporation for 24 hours was 0.40 inch on 11th May and 8th July. The days which gauged the greatest amount of evaporation are indicated by bolder-faced type in the respective columns of the Table.

Another Table (B) shewing the daily evaporation measured at Negril Point Light House, which was supplied by Mr. J. S. Brownhill, for the year 1933, is appended. From an inspection of this Table it will be seen that the monthly maximum evaporation of 9.78 ins. occurred in April, with a daily mean of 0.326 inch. The minimum of 5.58 inches occurred in November, giving a daily mean of 0.186 inch, or about 57% that for April.

The total evaporation for the year 1933 was 86.09 ins., shewing 21.66 ins. above that recorded for Kingston. The general monthly mean for the year was 7.17 ins., and the daily mean was 0.236 inch. It may be stated that the rain-gauge which is positioned in the vicinity of the Evaporimeter gauged 77.07 ins.

By reference to each monthly column it will be seen that the maximum daily evaporation is indicated by bolder-faced type. The greatest evaporation for 24 hours, for the year 1933, amounted to 0.49 inch on 30th April.

ANEMOMETER RECORDS, KINGSTON, YEARLY, MONTHLY AND DAILY AVERAGES FOR 25 YEARS.

In the Weather Report, No. 609, for March 1928 there appeared a Table showing the results of the mean daily miles of wind, passing over Kingston during a period of 20 years.

The Table now attached to this report for March 1933, gives the results for a period of 25 years, covering the years from 1908 to 1932. The anemometer installed is of the same type as that used during the 20-year registration, having been made by Messrs. Julien P. Friez & Sons, of Baltimore, U.S.A., and of the pattern adopted by the U.S.W.B. The arms from the centre of the axis to the centre of the 4-inch aluminium cups, are 6.72 inches in length. This instrument is estimated, approximately, to possess a "Factor" of 3, being of the Robinson's type, so that when the actual movement of the cups in revolving about the axis with a radius of 6.72 ins., travel one mile, the movement of the wind, normally is taken as 3 miles. The graduations on the dial allow for this lag. It is an electrically recording anemometer, and every mile of wind, from all directions, which travels over head is registered upon the Triple Register Chronograph, which is installed in the instrument room below. From these data the total miles of wind for the day and for each hour, are derived.

The anemometer is erected on an iron mast, fixed on the roof of the Public Works Building, West Port Royal Street, and has an elevation of $69\frac{1}{2}$ feet, above mean sea level, and stands about 65 feet above the ground. The horizontal distance from the Kingston Harbour beach to the south is about 500 feet. The instrument continues well exposed above all the surrounding buildings.

By the study of this 25 year table it will be seen that the maximum daily miles of wind occurs in the month of June which gives 239 (similar to that of the 20-year mean), and on the other hand the minimum occurs in the month of November with 141 miles, or 2 miles greater than for the 20-year mean. These average figures are given at the foot of the Table. It will be further observed that there still exists a uniformly gradual increase of wind movement from November to June following. Conversely then, from June to November a gradual decrease, from month to month, is in evidence, that is from 239 to 141 miles. June, therefore, registers 98 miles more than November.

In June 1923, the maximum daily mileage of 315 of wind was registered during the 25-year period. Then in the year 1915, November and December registered the least average of 96 miles. The greatest number miles of wind moved over Kingston in the year 1912 when a mean annual record of 218 is shown, this is owing to the excessive wind experienced in the months of June and November. The year 1910, on the other hand showed only 144 miles average for the day.

The annual normal, derived from the 25-year table, is 183 miles per day, as compared with 182 for the 20-year table given in Weather Report No. 609.

CAYMAN ISLANDS.

Government House, Georgetown, Grand Cayman.—For the month of March 1934, the total rainfall was 325 ins. Greatest fall in 24 hours 1.27 in on 12th with 6 rainy days.

CORRIGENDUM.

In Weather Report No. 685, "Report of the Hurricane Western Jamaica," page 8, Sadlers Hall, Hanover, 2nd paragraph, read "the last 040 inch very rapidly," instead of 0.10 inch.

J. F. BRENNAN,
Government Meteorologist.

Kingston, Jamaica,
April 20th, 1934.

TABLE (A), KINGSTON, YEAR 1933.

Daily Record of Evaporation in Inches—Evaporimeter 6" above ground and 102 feet above Sea Level.

(148½ East Street).

Date.	Jany.	Feby.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.14	0.16	0.16	0.17	0.27	0.11	0.07	0.19	0.18	0.01	0.15	0.03
2	0.18	0.17	0.15	0.25	0.23	0.03	0.28	0.33	0.18	0.00	0.02	0.23
3	0.12	0.19	0.20	0.25	0.23	0.16	0.17	0.28	0.24	0.00	0.16	0.30
4	0.14	0.12	0.14	0.24	0.28	0.13	0.14	0.29	0.27	0.00	0.22	0.17
5	0.18	0.17	0.20	0.25	0.25	0.03	0.27	0.13	0.20	0.12	0.04	0.19
6	0.12	0.18	0.24	0.23	0.27	0.10	0.25	0.35	0.14	0.03	0.12	0.20
7	0.11	0.20	0.16	0.18	0.31	0.17	0.22	0.13	0.09	0.10	0.08	0.14
8	0.16	0.21	0.21	0.16	0.25	0.24	0.40	0.24	0.14	0.12	0.12	0.22
9	0.10	0.17	0.23	0.31	0.25	0.24	0.32	0.09	0.04	0.02	0.11	0.25
10	0.14	0.18	0.20	0.21	0.35	0.25	0.29	0.29	0.10	0.09	0.12	0.25
11	0.15	0.15	0.17	0.20	0.40	0.24	0.28	0.24	0.12	0.10	0.11	0.13
12	0.15	0.20	0.18	0.22	0.32	0.16	0.27	0.20	0.17	0.11	0.07	0.10
13	0.10	0.23	0.13	0.26	0.25	0.20	0.26	0.30	0.14	0.09	0.08	0.22
14	0.15	0.19	0.18	0.24	0.10	0.16	0.27	0.17	0.16	0.23	0.14	0.14
15	0.15	0.17	0.17	0.26	0.14	0.22	0.23	0.00	0.02	0.11	0.07	0.09
16	0.12	0.16	0.24	0.30	0.24	0.08	0.01	0.22	0.01	0.12	0.02	0.23
17	0.04	0.23	0.13	0.26	0.25	0.10	0.00	0.18	0.07	0.13	0.04	0.32
18	0.14	0.25	0.21	0.27	0.30	0.21	0.23	0.18	0.17	0.14	0.10	0.20
19	0.14	0.10	0.10	0.25	0.31	0.22	0.18	0.26	0.06	0.16	0.15	0.20
20	0.11	0.15	0.18	0.35	0.26	0.23	0.24	0.10	0.14	0.11	0.19	0.07
21	0.15	0.16	0.24	0.29	0.35	0.25	0.23	0.15	0.14	0.10	0.19	0.11
22	0.27	0.22	0.14	0.30	0.18	0.20	0.28	0.04	0.06	0.10	0.06	0.10
23	0.15	0.23	0.16	0.33	0.18	0.25	0.32	0.04	0.15	0.24	0.02	0.20
24	0.17	0.12	0.19	0.30	0.22	0.15	0.31	0.14	0.20	0.14	0.02	0.18
25	0.11	0.14	0.23	0.24	0.21	0.23	0.31	0.10	0.15	0.13	0.20	0.20
26	0.15	0.18	0.22	0.23	0.22	0.27	0.26	0.25	0.07	0.10	0.07	0.23
27	0.11	0.25	0.21	0.25	0.27	0.07	0.34	0.13	0.14	0.07	0.15	0.16
28	0.19	0.17	0.24	0.27	0.27	0.19	0.32	0.15	0.13	0.00	0.05	0.10
29	0.21	..	0.24	0.22	0.23	0.28	0.40	0.14	0.12	0.00	0.12	0.15
30	0.13	..	0.06	0.31	0.23	0.18	0.32	0.16	0.18	0.01	0.06	0.12
31	0.20	..	0.08	..	0.17	..	0.31	0.13	..	0.10	..	0.25
Total	4.48	5.05	5.59	7.60	7.79	5.35	7.78	5.60	3.98	2.78	2.95	1.177
Means	0.144	0.180	0.180	0.253	0.251	0.177	0.251	0.180	0.133	0.090	0.098	0.177

The total Evaporation for the year 1933 was 64.43 inches.

TABLE (B), NEGRIL POINT,—YEAR 1933.

Daily Record of Evaporation in Inches—Evaporimeter 4" above ground and 27 feet above Sea Level.

Date	Jany.	Feby.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.21	0.26	0.32	0.22	0.33	0.17	0.07	0.19	0.30	0.13	0.32	0.09
2	0.18	0.26	0.25	0.26	0.31	0.05	0.14	0.23	0.35	0.00	0.19	0.18
3	0.30	0.21	0.28	0.30	0.37	0.13	0.16	0.25	0.36	0.14	0.23	0.13
4	0.19	0.32	0.28	0.34	0.40	0.11	0.25	0.31	0.18	0.20	0.26	0.20
5	0.28	0.21	0.42	0.41	0.26	0.12	0.19	0.20	0.26	0.19	0.29	0.17
6	0.32	0.26	0.38	0.35	0.29	0.25	0.25	0.16	0.21	0.20	0.22	0.16
7	0.20	0.29	0.34	0.23	0.30	0.24	0.24	0.19	0.22	0.18	0.26	0.20
8	0.19	0.29	0.26	0.29	0.36	0.23	0.26	0.25	0.17	0.18	0.27	0.19
9	0.16	0.27	0.23	0.29	0.27	0.33	0.26	0.26	0.10	0.21	0.23	0.22
10	0.20	0.28	0.24	0.33	0.35	0.18	0.24	0.27	0.13	0.19	0.28	0.26
11	0.16	0.23	0.29	0.38	0.24	0.31	0.23	0.27	0.10	0.21	0.33	0.17
12	0.21	0.26	0.26	0.33	0.26	0.21	0.27	0.23	0.27	0.25	0.20	0.30
13	0.23	0.26	0.33	0.30	0.17	0.27	0.25	0.22	0.29	0.25	0.26	0.21
14	0.21	0.27	0.30	0.33	0.09	0.23	0.31	0.22	0.27	0.20	0.03	0.10
15	0.22	0.25	0.30	0.41	0.20	0.24	0.24	0.22	0.23	0.20	0.15	0.23
16	0.22	0.23	0.12	0.30	0.29	0.19	0.17	0.20	0.14	0.14	0.18	0.26
17	0.21	0.27	0.17	0.33	0.29	0.24	0.14	0.20	0.10	0.23	0.21	0.20
18	0.16	0.26	0.23	0.39	0.25	0.10	0.24	0.29	0.25	0.26	0.18	0.19
19	0.23	0.28	0.28	0.33	0.23	0.23	0.14	0.26	0.20	0.23	0.15	0.19
20	0.25	0.25	0.39	0.39	0.27	0.25	0.15	0.25	0.15	0.18	0.15	0.17
21	0.28	0.30	0.37	0.32	0.28	0.27	0.28	0.32	0.13	0.23	0.18	0.20
22	0.30	0.29	0.32	0.36	0.23	0.19	0.27	0.21	0.25	0.25	0.17	0.11
23	0.22	0.39	0.31	0.29	0.25	0.22	0.30	0.26	0.26	0.24	0.10	0.16
24	0.22	0.28	0.30	0.35	0.22	0.28	0.30	0.17	0.25	0.17	0.07	0.07
25	0.23	0.25	0.31	0.36	0.28	0.22	0.28	0.22	0.22	0.20	0.00	0.15
26	0.26	0.26	0.26	0.36	0.26	0.19	0.25	0.26	0.22	0.19	0.00	0.15
27	0.21	0.20	0.34	0.33	0.28	0.15	0.32	0.29	0.18	0.15	0.20	0.22
28	0.27	0.30	0.31	0.22	0.26	0.23	0.26	0.20	0.11	0.13	0.13	0.23
29	0.25	..	0.21	0.19	0.27	0.23	0.30	0.16	0.18	0.00	0.17	0.29
30	0.22	..	0.29	0.49	0.30	0.23	0.32	0.30	0.16	0.15	0.17	0.22
31	0.23	..	0.23	..	0.33	..	0.28	0.31	..	0.23	..	0.23
Total	7.02	7.48	8.92	9.78	8.49	6.29	7.36	7.37	6.24	5.71	5.58	5.85
Means	0.226	0.267	0.288	0.326	0.274	0.210	0.237	0.238	0.280	0.190	0.186	0.189

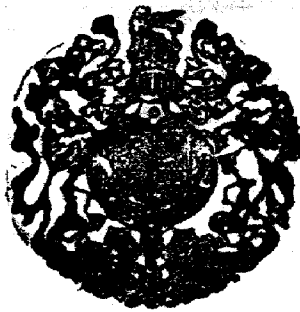
The total Evaporation for the year 1933 was 86.09 inches.

TABLE (C).—KINGSTON, JAMAICA.

Shewing the daily mean total miles of Wind registered for each month, from the year 1908 to 1932, with the 25-year Normals.

Year.	Jan.	Feb.	Mar.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Means for the Year.
1908	125	151	157	167	203	209	169	162	139	128	116	119	154
1909	120	148	152	156	175	191	183	152	126	135	117	129	149
1910	133	146	135	150	172	185	177	136	127	140	109	115	144
1911	119	144	150	195	179	293	243	226	196	153	168	172	186
1912	214	242	229	201	244	312	244	248	177	162	196	145	218
1913	169	188	264	175	169	273	233	219	185	161	136	161	194
1914	189	210	178	198	223	240	283	232	216	169	128	157	202
1915	173	180	183	190	237	206	217	207	173	126	96	96	174
1916	149	166	183	169	180	196	197	216	139	143	168	162	172
1917	151	173	211	160	204	201	215	184	203	164	129	153	179
1918	203	175	170	199	167	213	250	220	189	148	162	161	188
1919	174	194	196	172	251	262	216	233	183	157	139	147	194
1920	175	181	196	302	191	256	273	197	181	164	180	189	207
1921	113	165	171	166	190	243	242	175	156	184	150	136	178
1922	161	196	198	229	286	238	265	179	168	187	146	167	201
1923	147	167	235	180	244	315	259	226	183	173	143	143	201
1924	191	167	204	176	206	233	227	151	150	142	112	152	176
1925	196	137	143	160	249	238	202	198	158	163	159	157	180
1926	216	185	167	221	190	233	215	189	131	132	100	101	173
1927	145	150	168	160	199	236	225	175	136	153	125	134	167
1928	149	193	206	227	213	252	257	168	184	156	130	147	190
1929	179	206	210	188	241	287	243	165	152	167	151	157	196
1930	174	153	219	195	235	248	249	204	221	162	131	162	196
1931	158	166	188	181	182	194	185	204	179	167	133	163	175
1932	150	170	196	187	202	233	204	164	164	146	213	136	180
Daily Average for 25 years	163	174	188	188	209	239	227	193	169	155	141	146	183
Hourly Average	6.8	7.3	7.8	7.8	8.7	10.0	9.5	8.0	7.0	6.5	5.9	6.1	7.6

No. 690.



JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

APRIL, 1934.

The Bar. pressure at all the Stations, except the Hill Gardens, are reduced to the standards of Kew, 32", gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screen; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds cumulus and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 7th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure		Temperature.				Extreme Temperature.					
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	ins.	ins.	°	°	°	°	°	°	°	°	°	°
Morant Point Light House	8	29.981	29.946	79.0	82.1	84.1	74.9	9.2	85.6	20*	68.9	13	16.7
Kingston	24	29.959	29.906	73.7	82.3	85.2	69.0	16.2	88.0	15	66.8	6	21.2
Negril Point Light House	33	29.966	29.925	74.1	82.4	84.6	69.6	15.0	86.4	15	66.4	4	20.0
Castleton Gardens	496			66.5	79.1	84.1	65.5	18.6	89.0	18	63.0	5*	26.0
Hope Gardens†	668	29.985	29.902	70.4	81.2	84.7	68.0	16.7	88.0	16*	65.0	10	23.0
Boon Hall	970												
Hill Gardens	4,900	25.267	25.256	61.5	63.3	67.3	55.8	11.5	70.0	17	55.0	3*	15.0

STATIONS.	Elevation.	Dewpoint and Humidity.					Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.					7 a.m.	3 p.m.			7 a.m.		3 p.m.			
	ft.	°	%	°	%	ins.	Mls.		m.	m.			L.	M.	U.	L.	M.	U.
Morant Point Light House	8	72	80	73	74	4.45	256	E.N.E.	11.0	E.N.E.	9.0	0.9	3.2	0.8	0.1	3.7	1.4	
Kingston	24	67	81	71	69	0.37	211	N.	4.5	S.E.	16.2	0.8	1.2	0.8	3.5	2.1	0.7	
Negril Point Light House	33	69	80	71	74	6.34	196	E.N.E.	6.7	E.	10.6	0.6	1.1	3.4	3.7	3.6	0.4	
Castleton Gardens	496	64	95	74	85	11.07	..	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	65	86	71	73	2.03	..	..	..	..	..	..	..	..	..	..	..	..
Boon Hall	970	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	59	88	60	90	1.43	..	..	..	..	..	..	..	..	..	..	..	..

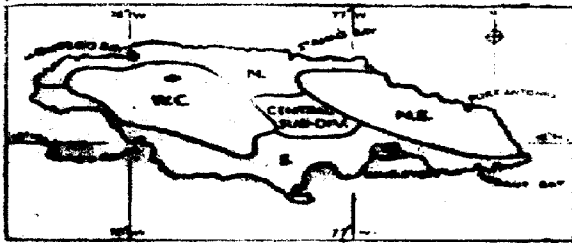
*And on other days. † Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1929." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 20 of 1923 Edition, an outline of which is given below.



April, 1934.

STATIONS.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION. (N.E.)					
Manchioneal	6.49	1.43	7	17	6.64
Priestman's River	10.15	4.80	30	8	5.03
Bath	6.23	1.92	30	15	5.98
Barrett's Gap	10.27	1.55	6	18	..
Millbank	12.60	3.10	7	13	..
Moore Town	4.89	2.80	8	12	11.18
Port Antonio	12.66	4.65	6	15	6.55
Passley Garden	6.51	1.14	6	14	..
Fellowship	9.21	2.00	22	10	9.64
Johnson River Br.	3.30	0.80	7	9	4.08
Trinity Ville	2.98	1.03	25	6	..
Shrewsbury	4.28	0.76	6	13	9.98
Hope Bay	9.47	3.10	6	16	..
Cedar Valley	2.29	0.76	25	15	4.04
Moy Hall	2.05	0.56	12	12	3.89
Paradise	19.62	6.14	6	14	..
Lennox	8.33	4.20	6	9	..
Greenvale	10.04	2.40	10	13	10.16
Spring Garden	9.11	4.50	5	10	4.01
Hill Gardens	1.43	0.21	5	8	5.65
Buff Bay	9.37	3.57	6	11	6.26
Orange Vale	10.95	2.45	6	12	..
Belvedere, Portland	11.64	3.50	6	7	4.50
Windsor Castle, do.	7.71	2.02	5	8	5.51
Balcarras	8.49	3.20	6	10	..
Mt. Holstein	7.43	1.42	6	15	7.03
Cedar Hurst	8.53	1.33	9	18	..
Hardware Gap	6.86	2.03	6	11	6.40
Rose Hill	4.31	1.19	5	12	7.70
Hermitage	6.96	1.85	5	16	..
Mount Airy	14.46	2.10	30	18	..
Stony Hill Ind. Sch.	7.09	2.87	6	12	5.21
Boon Hall	6.10	1.66	7	16	..
NORTHERN DIVISION (N).					
Pear Tree Grove	1.09	0.50	24	4	..
Guy's Hill	5.18	2.45	12	14	4.32
Lucky Hill	8.27	2.00	12	17	4.92
Rio Hoe	6.61	3.12	12	10	4.51
Unity Valley	16.25	3.65	12	18	4.90
Moneague	9.27	2.80	12	16	4.66
Claremont	6.85	1.70	30	8	4.17
Averham Park	8.69	2.50	5	14	4.57
Albion	10.79	3.13	10	16	4.47
Southern Division (S.)					
Manchioneal	6.49	1.43	7	17	6.64
Priestman's River	10.15	4.80	30	8	5.03
Bath	6.23	1.92	30	15	5.98
Barrett's Gap	10.27	1.55	6	18	..
Millbank	12.60	3.10	7	13	..
Moore Town	4.89	2.80	8	12	11.18
Port Antonio	12.66	4.65	6	15	6.55
Passley Garden	6.51	1.14	6	14	..
Fellowship	9.21	2.00	22	10	9.64
Johnson River Br.	3.30	0.80	7	9	4.08
Trinity Ville	2.98	1.03	25	6	..
Shrewsbury	4.28	0.76	6	13	9.98
Hope Bay	9.47	3.10	6	16	..
Cedar Valley	2.29	0.76	25	15	4.04
Moy Hall	2.05	0.56	12	12	3.89
Paradise	19.62	6.14	6	14	..
Lennox	8.33	4.20	6	9	..
Greenvale	10.04	2.40	10	13	10.16
Spring Garden	9.11	4.50	5	10	4.01
Hill Gardens	1.43	0.21	5	8	5.65
Buff Bay	9.37	3.57	6	11	6.26
Orange Vale	10.95	2.45	6	12	..
Belvedere, Portland	11.64	3.50	6	7	4.50
Windsor Castle, do.	7.71	2.02	5	8	5.51
Balcarras	8.49	3.20	6	10	..
Mt. Holstein	7.43	1.42	6	15	7.03
Cedar Hurst	8.53	1.33	9	18	..
Hardware Gap	6.86	2.03	6	11	6.40
Rose Hill	4.31	1.19	5	12	7.70
Hermitage	6.96	1.85	5	16	..
Mount Airy	14.46	2.10	30	18	..
Stony Hill Ind. Sch.	7.09	2.87	6	12	5.21
Boon Hall	6.10	1.66	7	16	..
NORTHERN DIVISION (N).					
Port Maria	8.22	4.65	6	10	4.00
Wentworth	..	..	..	..	..
Eden Park	..	..	..	..	..
Oracabessa	6.80	2.12	12	7	..
Huddersfield	4.53	1.76	23	4	..
Ocho Rios	4.22	1.22	12	9	3.36
Bogue, Ocho Rios	4.17	1.45	12	11	4.56
Drax Hall	..	..	..	..	3.67
Rockfield	6.77	2.16	12	13	5.02
Liberty Hill	2.53	0.70	4	6	4.02
St. Ann's Bay	2.65	1.07	12	7	3.70
Seville	..	..	..	..	3.30
Richmond Estate	1.07	0.28	11	6	3.58
Llandovery	..	..	..	..	3.45
Runaway Bay	2.25	0.50	25	7	1.03
Knapdale	7.48	2.37	10	10	..
Alexandria	7.06	2.40	9	15	2.94
Bel-Air	4.65	1.00	9	10	..
Brown's Town	4.39	0.90	10	12	3.62
Watt Town, St. Ann	7.77	1.20	5	17	3.02
Home Castle	7.60	2.70	9	10	3.22
Richmond Pen	6.15	3.00	4	13	3.56
Arcadia	3.40	0.91	9	12	2.56
Vale Royal	2.31	0.60	9	9	2.94
Harmony Hall	..	..	..	..	2.08
Duncans	2.11	0.68	9	5	..
Clark's Town	3.16	0.74	12	8	..
Falmouth	3.73	1.58	6	4	2.06
The Hague	2.12	1.50	9	5	..
Wales	4.95	1.35	11	6	..

STATIONS.	April, 1934.					STATIONS.	April, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.					
Adelphi	5.45	1.04	10	10		Mereworth	5.37	2.00	12	15	
Success	1.43	0.68	6	3	1.84	Mandeville	4.02	1.07	11	12	5.60
Rose Hall	1.52	0.72	6	3	1.78	Utster Spring	10.70	2.00	9	19	6.85
Cinnamon Hill	2.15	1.40	6	3	1.83	Marshall's Pen	5.02	1.80	11	5	6.25
Tryall	2.50	0.80	6	5	2.60	Greenvale	6.68	1.33	3	13	
Running Gut	1.40	0.55	6	3	1.79	Albert Town	14.74	2.85	9	20	6.62
Spring Estate	1.70	0.75	6	4	1.67	Craig Head	8.18	1.20	9	15	
Friendship	5.16	1.20	30	17	2.72	Warsop	14.75	1.43	28	20	
Retirement	5.77	1.72	30	20	4.29	Troy	16.63	2.00	8	16	8.28
Rose Mount	2.60	0.63	11	11		Wallingford	23.32	2.74	9	17	8.41
Montego Bay	3.24	0.80	30	16	3.02	Balaclava	12.75	1.83	9	14	9.03
Anchovy	4.46	0.91	11	16	3.34	Wakefield	7.04	1.11	4	17	
Hopewell	4.98	1.00	20	11		Maggotty	14.92	2.78	11	17	9.83
Bamboo-Hanover	7.72	1.43	22	9		Lacovia	16.24	2.80	9	16	
Blue Hole	6.27	3.52	29	12	3.55	Ipawich					
Cascade	19.71	3.20	29	20		Kempshot	10.45	2.30	14	14	4.90
Kew					3.88	Garlands					
Lucea	4.32	1.75	29	10	3.53	Mocho, St. James	12.80	2.84	9	20	
Haughton Court	5.21	1.63	29	10	3.33	Bandon Pen	11.36	1.12	13	19	
Kendal	12.39	1.52	7	20		Catadupa	11.23	1.42	29	19	7.63
Cousins Cove	5.89	2.26	29	17		Cambridge, St. James	9.55	1.43	8	21	7.13
Green River	9.33	1.25	9	17		New Market	10.43	2.00	4	16	10.00
Green Island	5.94	1.02	29	13	4.79	Kew Park	7.16	1.45	25	23	7.99
Haughton Hall	5.26	1.63	7	18		Montpelier					4.04
CENTRAL SUB-DIVISION.						SOUTHERN DIVISION (S.)					
Knollis	7.59	1.52	8	12		Morant Point L.H.	4.45	1.28	8	16	3.19
Highgate	8.07	1.40	5	16		Golden Grove	5.82	1.34	8	16	
Rio Magno	6.45	1.53	12	12		Pleasant Hill	4.74	1.50	7	12	2.19
Riversdale	6.97	1.50	1	13		East Prospect	3.57	1.02	30	18	4.23
Headworks, R.C.C.	5.09	2.15	12	9	3.46	Morant Bay	4.71	1.88	30	12	2.84
Bog Walk	7.96	2.00	7	13		Aeolus Valley					
Linstead	2.13	1.19	11	9	4.46	Yallahs	0.66	0.37	3	3	
Ewarton	1.81	0.50	11	8		Easington	1.47	0.40	9	8	2.00
Cave Valley	4.25	1.10	12	12	4.63	Mavis Bank	5.03	2.72	25	7	
Guanaboa Vale	4.03	1.85	2	8		Bull Bay	0.61	0.61	12	1	0.93
Point Hill	8.11	3.27	11	11	5.52	Dallas Castle	2.46	1.03	6	8	
Brown's Hall	3.88	2.70	11	4	4.17	Gordon Town	1.85	0.60	9	7	3.26
Bellas Gate	3.57	1.00	11	10	2.39	Irish Town	2.81	1.23	5	12	4.06
Rock River	2.72	1.25	5	7		Hope Gardens	2.03	0.66	8	14	2.95
Crofts Hill	10.35	5.09	11	9	3.73	Waireka					
Far Enough	8.35	3.36	11	11		Ivor	3.85	0.89	4	13	
Suttons	5.93	1.34	5	12		Barbican	2.98	1.10	8	11	
Colonel's Ridge	5.32	1.25	8	13		Plumb Point L. H.	3.30	2.00	1	4	1.15
Chapelton	4.50	1.37	5	11	3.73	King's House Gar.	3.05	1.39	8	9	2.43
Crooked River	4.62	1.44	11	14		Upper Kingston	0.95	0.27	4	9	0.94
James Hill	6.34	2.70	11	14		Kingston P.W.O.	0.37	0.17	12	7	1.17
Frankfield	9.28	2.09	11	14	3.44	Halfway Tree	2.57	1.20	8	9	1.86
WEST-CENTRAL DIVISION (W.C.)						Clifton Pen	1.86	0.75	6	7	1.74
Mocho, Clarendon	5.71	1.50	12	9	4.76	Red Hills	3.20	0.90	28	6	
Clarendon Park	2.28	1.66	2	7							
Porus	4.32	1.33	12	8							
BaroBridge	8.22	1.65	8	14							
Spaldings	7.50	1.65	8	14	3.43						
Williamsfield	4.93	1.34	12	14							
Brokenhurst	3.31	1.20	2	11	5.31						
Shooters Hill	7.73	2.07	12	13	4.17						
Wait-a-Bit	11.73	2.25	9	13							
Christiana	7.68	1.42	6	18	6.64						
Clifton Hill	3.40	1.73	12	6	4.45						
Kendal, Manchester	6.71	1.43	12	14	6.06						

STATIONS.	April, 1934.					STATIONS.	April, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.	SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.
Quarantine Station	1.13	1.13	13	1	1.36	Great Valley, Man.	..	..	..	..	3.82
Hematine	0.39	0.25	4	4	2.49	Alligator Pond	1.16	0.56	5	3	2.97
Spanish Town	0.64	0.33	4	5	2.36	Fairfield	6.19	1.78	12	..	5.39
The Stewartry	0.82	0.39	2	4	..	Lititz	..	..	..	..	4.28
Cross Pen	5.26	2.41	12	10	..	Myersville	5.13	1.96	6	8	..
Hog Hole, St. Cath.	1.63	0.78	2	7	2.94	Southfield, St. Eliz.	1.29	0.44	2	6	3.60
Old Harbour	2.80	1.75	2	7	2.81	Munro	..	..	..	..	..
May Pen	1.46	0.88	12	5	3.00	Windsor, St. Eliz.	7.11	1.53	8	12	..
Glen Muir	2.00	1.50	12	2	..	Torrington	2.72	1.35	3	7	4.86
Cottage	1.98	0.93	30	5	..	Santa Cruz	14.08	2.51	5	16	8.81
Belle Plain	2.29	0.69	13	7	..	Pedro Plains	1.58	0.61	9	6	2.64
Milk River	0.57	0.37	24	2	2.22	Mountainside	6.88	2.00	7	9	5.20
Retrieve	..	..	..	..	2.59	Fort Charles	2.69	0.99	5	5	..
Hog Hole, S. Man.	1.30	0.90	2	2	3.75	Black River	4.55	0.71	8	16	3.98
Stone's Hope	2.47	1.32	5	6	4.13	Font Hill	8.10	2.40	3	13	4.45
Newport, Man.	2.23	0.52	2	12	4.77	Mount Edgecombe	10.31	2.78	7	14	5.32
						Sweet River	5.00	1.13	29	12	5.63
						Sav.-la-Mar	6.81	2.42	29	10	4.79
						Little London	8.19	2.50	19	16	4.88
						Retreat	7.04	1.70	2	16	4.91
						Negril Point L.H.	6.34	2.58	11	15	2.92

NOTES.

SHOCKS OF EARTHQUAKE IN APRIL, 1934.

COMPARATIVE TABLE OF RAINFALL
AND RAINY DAYS.

COMPARATIVE TABLE OF RAINFALL AND RAINY DAYS.					Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.	
DIVISIONAL		April.				16	10.30 A.M.	I	Clifton Hill—Manchester.
AND		Rainfall.		Rainy Days.					
ISLAND RAINFALL.		1934.	Ave.	1934.	Ave.				
		Ins.	Ins.						
North-Eastern	..	7.60	5.80	13	10				
Northern	..	4.53	3.17	11	6				
West-Central	..	10.87	6.82	16	11				
Southern	..	3.58	3.28	9	7				
The Island means	..	6.65	4.77	12	9				

N.B. IT IS PARTICULARLY REQUESTED TO SEND ALL RAINFALL POSTCARDS IN NOT LATER THAN THE 6TH OF EACH MONTH.

THE ISLAND—APRIL.

The mean rainfall for the Island was above the average in all divisions.

The greatest precipitation appears to have occurred during the first fortnight and particularly on the 6th and 12th, but generally the rainfall was well distributed, the mean number of rainy days being 12, as compared with the average of 9. Bethel Town District, Darliston and Grange Hill, all in the West-Central Division, had most rainy days—22 each.

The greatest total fall for the month was 23.32 inches at Wallingford in the West-Central Division, and the heaviest fall in 24 hours was 6.14 inches at Paradise in the North-eastern Division on the 6th.

On the 10th, 3.13 inches fell in 1 hour at Albion in the North-eastern Division, accompanied by strong gusts of wind.

On the afternoon of the 12th, there was a heavy hailstorm and 2.28 inches of rain in 15 minutes, at Richmond in the North-eastern Division.

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston	1.54	St. James	5.47
St. Andrew	4.87	Hanover	9.37
St. Thomas	4.19	Westmoreland	10.09
Portland	9.38	St. Elizabeth	8.79
St. Mary	6.75	Manchester	4.53
St. Ann	6.26	Clarendon	5.27
Trelawny	7.49	St. Catherine	4.58

CITY OF KINGSTON.

The total rainfall for April was only 0.37 inch, and the 60-year normal 1.17 inch, shewing about one-third of the normal. The greatest fall in 24 hours was 0.17 inch on 12th. The number of rainy days was seven as compared with the 49-year normal of five. The upper boundary of Kingston gauged 0.95 inch with four rainy days.

Distant rain was observed to northward on 9 days, to northeast on 3, to eastward on 2, to the south-east and south-west on one day each.

The mean barometric pressure was 29.940 inches, which is nearly equal to that of the 33-year normal of 29.941 ins. The highest barometer reading was 30.020 ins. on the 2nd at 3 p.m., and the lowest was 29.835 ins. on the 11th at 7 a.m., correc. for diur. variation.

The mean monthly temperature, based upon four observations per day, was 77.0 degs., the 33-year normal being 78.2 degs., shewing 1.8 deg. below the normal. Highest maximum temperature 88.0 degs. on 15th, and the lowest minimum 66.8 degs. on 6th. On the other hand the lowest maximum was 83.5 degs. on the 3rd and 5th, and the highest minimum was 71.4 degs. on 15th. Greatest range of temperature 17.4 degs. on 6th, and the least range was 14.1 degs. on 11th. The maximum kept below 90 degs. throughout, and the minimum was above 70 degs. on five days.

The mean daily miles of wind registered was 211, as compared with the 25-year average of 188, or about 12% above the average. The greatest number of miles of wind in 24 hours was 363 on the 17th, and the least was 117 on 13th. South-easterly wind continued until after 7 p.m. on 10 occasions, chiefly during the period from the 15th to 26th.

The mean relative humidity was 79%, the 33-year normal being 78%. The mean 7 a.m. was 81%, and the mean 3 p.m. 69%. The lowest 7 a.m. was 69% on the 16th, 18th and 24th. The lowest 3 p.m. was 57% on 15th.

The sky was overcast in the early morning on 6 occasions and in the afternoon on 16 occasions.

Distant thunderstorm to northward on 3 days and to southwest on one day.

The total evaporation for the month of April was 5.75 ins. and the ten-year normal is 7.75 ins.

The mean daily number of sunshine hours was 5.6.

THE TEN-YEAR EVAPORATION TABLE.

A Table, giving the monthly evaporation for the ten-year period, 1924-1933, with the respective means, is appended.

The greatest monthly mean occurs in the month of May, with 7.91 ins., and the least in November with 3.55 ins. If a curve be drawn it will be apparent that there is steady increase of evaporation from November to May the following year, and after July a steady decrease to November.

The mean annual evaporation gives 71.71 inches, or about 6 feet. A rain-gauge installed but a few feet away from the Evaporimeter gives a ten-year mean of 35.66 ins., or just about one-half that of the evaporation annual mean. Taking the five driest years, 1925, 1926, 1929, 1930 and 1932, the mean rainfall shews 22.6 ins., and the mean evaporation for the corresponding years shews 72.9 ins., or a little above three times that of rainfall figure. Then, on the other hand, the wet years 1924, 1927, 1928, 1931 and 1933, the mean rainfall gives 48.7 ins., and the mean evaporation 70.5 ins., or only 1½ times that of the rainfall, although the rainfall may have been more than doubled in the second group of years. The evaporation mean gives 72.9 ins. in the first group, and 70.5 ins. in the second group, establishing the fact that the total rainfall has not a very marked effect upon the degree of evaporation. Taking the extremes, we find that, as in the year 1930, when the rainfall was only 15.92 ins. the evaporation was 74.04 ins., whereas in the year 1933, the rainfall was 85.93 ins. and the evaporation 64.43 ins. The total rainfall, in the first case, was nearly 58 ins. below that of the evaporation and in the wet years 1933, the rainfall was a little over 20 ins. above that of the total evaporation.

Viewing the matter in a different light it will be seen that the year 1933 had 70 ins. more rainfall than in the year 1930, but the evaporation was 10 ins. less in year 1933 than that of year 1930.

Of course there are governing factors such as the amount of wind and the degree of temperature to reckon upon. In the year 1930, with the least rainfall, the mean daily wind total was 196 miles, and in the year 1933 with the greatest rainfall the mean wind per day was only 177 miles.

CAYMAN ISLANDS.

Government House, Georgetown, Grand Cayman.—Total rainfall for April 1934, 3.29 ins. Greatest fall in 24 hours 1.09 inch with 10 rainy days.

J. F. BRENNAN,
Government Meteorologist.

Kingston, May 20th, 1934.

CORRIGENDA.

W.R. 686—Dec. 1933:

Page 6—City of Kingston. Meteorological Results for year 1933—

- (1) Mean Barometer pressure for 7 a.m. 29.922 instead of 29.931
- (2) Mean Barometer pressure for year 29.910 instead of 29.915.
- (3) Below the 33 year normal year .022 instead of .017

Page 9—Table (c) September—read .868 instead of .968.

Mean—read 29.922 instead of 29.931.

Page 1—Kingston Extreme Temperature Max. read 88.2 on 17, instead of 87.7 on 2nd.

W.R. 689 March 1934:

Page 7.—Table (A) Kingston, Year 1933 Evaporation—

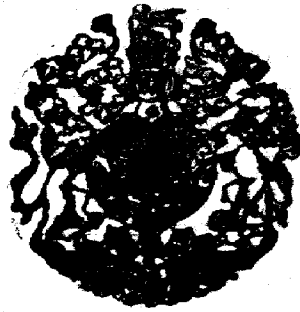
Total—December read 5.48 instead of 1.177.

KINGSTON, JAMAICA.

Table giving the total Evaporation for each month for ten years, from 1924 to 1933.

Year.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	Rain-fall ins.
1924	7.44	6.30	8.39	9.44	8.92	7.34	7.00	7.06	5.73	4.21	3.53	4.12	79.48	49.54
1925	5.52	4.65	7.71	7.96	7.37	7.41	7.78	8.44	5.55	6.36	4.71	5.46	78.92	19.89
1926	6.51	5.22	7.50	9.04	7.11	6.33	7.35	6.65	4.77	4.93	4.63	4.68	74.72	24.22
1927	5.25	5.14	7.85	7.52	5.67	5.64	7.13	7.80	5.76	3.75	3.54	4.04	69.09	34.67
1928	4.52	5.18	6.35	7.73	7.88	8.25	9.16	7.53	4.82	3.86	3.58	4.46	73.32	36.99
1929	4.73	4.98	5.79	7.86	9.40	8.27	9.74	7.36	4.41	3.57	3.19	3.42	72.72	23.08
1930	4.11	3.51	5.55	6.36	9.09	7.78	8.69	10.54	7.16	3.96	3.12	4.17	74.04	15.92
1931	4.17	4.46	5.79	8.19	8.20	6.39	6.26	8.32	4.00	3.52	2.95	3.76	66.01	36.63
1932	3.82	4.48	5.88	5.84	7.65	6.54	7.85	6.31	5.06	3.51	3.27	4.15	64.36	29.71
1933	4.48	5.05	5.59	7.60	7.79	5.35	7.78	5.60	3.98	2.78	2.95	5.48	64.43	85.93
Means	5.06	4.90	6.64	7.75	7.91	6.93	7.87	7.56	5.12	4.05	3.55	4.37	71.71	35.66

No. 691.



JAMAICA
WEATHER REPORT
FOR THE MONTH OF
MAY, 1934.

The Bar. pressure at all the Stations, except the Hill Gardens, are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screen; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus; the Middle clouds cumulus and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 7th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure		Temperature.				Extreme Temperature.					
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	ins.	ins.	°	°	°	°	°	°	°	°	°	°
Morant Point Light House	8	29.953	29.924	80.3	83.6	85.9	76.9	9.0	87.9	27	70.5	24	17.4
Kingston	24	29.927	29.887	78.1	83.4	86.1	72.5	13.6	87.3	28	68.5	8	18.8
Negril Point Light House	33	29.932	29.899	78.4	83.9	85.8	73.3	12.5	87.5	9	68.6	6	18.9
Castleton Gardens	496			68.3	80.4	84.7	67.3	17.4	88.0	24*	65.0	3*	23.0
Hope Gardens†	668	29.964	29.906	73.5	82.9	85.8	69.9	15.9	88.0	8*	69.0	2*	19.0
Boon Hall	970												
Hill Gardens	4,900	25.247	25.237	63.0	65.0	68.8	56.7	12.1	71.0	19*	56.0	1*	15.0

STATIONS.	Elevation.	Dewpoint and Humidity.					Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.					7 a.m.	3 p.m.			7 a.m.			3 p.m.		
	ft.	°	%	°	%	ins.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.	
Morant Point																		
Light House	8	74	80	75	74	2.68	257	E.	10.0	E.	9.5	1.0	3.1	1.5	0.7	3.4	1.5	
Kingston	24	70	78	72	70	1.93	229	ESE	6.1	SE	14.9	0.5	0.7	2.2	4.5	1.0	1.5	
Negril Point																		
Light House	33	72	80	73	71	2.89	257	ESE	8.6	Var.	13.2	0.6	1.8	4.6	2.1	4.6	1.5	
Castleton																		
Gardens	496	66	95	74	83	18.57	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	69	87	71	67	3.10	..	..	..	..	..	..	..	..	..	..	..
Boon Hall	970	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	61	91	62	88	5.37	..	..	..	..	..	..	..	..	..	..	..

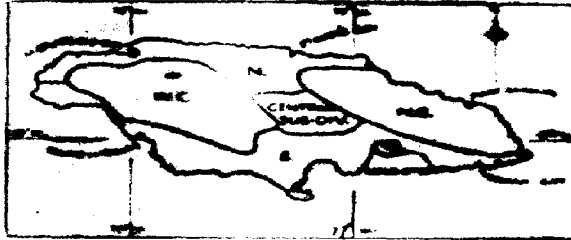
*And on other days. † Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1929." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 20 of 1923 Edition, an outline of which is given below.



May, 1934.

STATIONS.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION. (N.E.)					
Manchioneal	3.98	1.09	5	19	12.66
Priestman's River	4.30	1.30	1	5	10.55
Bath	7.74	2.60	13	9	12.33
Barrett's Gap	8.84	2.60	13	9	..
Millbank	4.96	1.56	5	8	..
Moore Town	2.89	0.50	2	13	16.68
Port Antonio	5.04	1.50	9	8	13.73
Passey Garden	3.55	1.65	9	8	..
Fellowship	2.08	1.00	21	3	16.19
Johnson River Br.	5.31	2.20	14	10	9.56
Trinity Ville	6.68	3.17	14	12	..
Shrewsbury	0.65	0.22	1	4	13.52
Hope Bay	0.69	0.29	1	5	..
Cedar Valley	6.45	1.28	29	15	9.10
Moy Hall	6.31	1.21	29	15	9.25
Paradise	1.12	0.49	1	4	..
Lennox	0.00	..	..	0	..
Greenvale	7.67	1.86	1	12	9.27
Spring Garden	0.66	0.28	1	3	6.05
Hill Gardens	5.37	1.06	14	16	9.77
Buff Bay	1.25	0.60	15	4	7.97
Orange Vale	6.21	2.20	25	11	..
Belvedere, Portland	1.87	1.45	25	2	6.08
Windsor Castle, do.	2.24	1.38	26	3	5.86
Balcarres	5.41	1.83	25	10	..
Mt. Holstein	10.83	2.59	12	18	10.07
Cedar Hurst	9.40	2.30	11	16	..
Hardware Gap	11.41	1.95	11	16	11.24
Rose Hill	10.45	1.37	6	15	12.52
Hermitage	13.74	3.10	13	15	..
Mount Airy	20.73	4.00	5	20	..
Stony Hill Ind. Sch.	12.45	2.66	13	13	9.29
Boon Hall	13.14	3.78	13	17	..

STATIONS.	May, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION, contd.					
Brandon Hill	21.12	2.10	12	21	..
Iter Boreale	..	..	..	..	..
Enfield	6.50	1.86	25	10	..
Agualta Vale	2.73	1.13	14	10	5.76
Castleton Gardens	18.57	2.35	14	18	11.65
Water Valley	6.85	2.75	14	8	7.06
Albany	7.59	1.85	11	13	6.92
Lawrence Tavern	8.00	1.40	13	13	9.18
Wey Hill	5.17	2.36	15	16	..
Richmond, St. Mary	12.22	2.11	14	11	7.54
Quebec, St. Mary	3.28	0.91	2	8	6.45
Above Rocks	8.77	2.11	5	7	..
Glengoffe	8.10	1.65	13	8	..
Carew Castle	11.08	2.64	6	10	9.78
Hampstead, St. Mary	9.87	2.74	3	13	7.33
Windsor Castle do.	10.64	2.30	11	17	..
Troja	8.71	2.25	15	13	..
Pear Tree Grove	8.25	3.00	11	10	..
Guy's Hill	11.03	3.07	11	14	7.46
Lucky Hill	9.45	2.70	14	14	8.48
Rio Hoe	4.50	1.93	11	8	8.12
Unity Valley	5.60	2.30	11	10	9.79
Moneague	5.90	2.31	11	9	8.76
Claremont	5.31	2.06	11	8	7.08
Averham Park	5.17	1.87	11	11	7.26
Albion	5.75	2.04	11	11	8.30
NORTHERN DIVISION (N).					
Port Maria	4.17	1.10	5	10	6.31
Wentworth	4.60	1.21	5	10	..
Eden Park	..	..	..	..	..
Oracabessa	7.99	2.15	25	11	..
Huddersfield	3.66	2.65	15	2	..
Ocho Rios	6.26	2.52	14	9	5.22
Bogue, Ocho Rios	4.41	1.84	14	4	5.54
Drax Hall	..	..	..	..	6.67
Rockfield	4.19	1.25	12	9	5.94
Liberty Hill	4.90	1.70	13	6	4.72
St. Ann's Bay	2.92	1.50	25	5	5.30
Seville	2.15	1.40	25	3	6.08
Richmond Estate	2.66	1.91	24	3	6.14
Llandoverly	..	..	..	..	6.08
Runaway Bay	1.85	1.20	24	4	2.23
Knapdale	8.61	3.40	11	8	..
Alexandria	3.54	0.96	25	11	7.29
Bel-Air	4.60	2.00	11	6	..
Brown's Town	5.14	2.07	14	10	8.61
Watt Town, St. Ann	1.76	0.60	6	5	8.24
Home Castle	4.10	2.15	12	6	5.60
Richmond Pen	4.80	1.80	14	7	7.30
Arcadia	3.01	0.83	12	9	4.89
Vale Royal	5.05	1.40	12	10	5.82
Harmony Hall	1.12	0.53	28	4	4.49
Duncans	1.31	0.74	13	2	..
Clark's Town	2.73	0.61	29	8	..
Falmouth	2.51	0.89	11	8	4.48
The Hague	3.68	0.80	20	8	..
Wales	4.05	0.80	3	10	..

STATIONS.	May, 1934.					STATIONS.	May, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.					
Adelphi	12.13	2.09	20	16	Ins.	Mereworth	10.07	2.30	29	20	Ins.
Success	7.53	0.95	4	12	4.25	Mandeville	8.46	2.34	11	15	9.93
Rose Hall	7.10	1.50	25	12	4.24	Ulster Spring	9.90	2.30	10	12	11.90
Cinnamon Hill	6.80	1.30	4	12	4.78	Marshall's Pen	9.05	2.50	1	8	9.66
Tryall	4.15	1.25	25	11	6.05	Greenvale	9.43	3.26	1	10	..
Running Gut	6.30	1.25	4	12	4.74	Albert Town	6.31	1.30	23	15	10.58
Spring Estate	2.15	0.40	2	7	4.28	Craig Head	8.26	1.98	24	8	..
Friendship	13.70	2.20	3	16	7.85	Warsop	11.07	2.16	25	12	..
Retirement	12.70	2.80	3	15	8.50	Troy	11.55	4.30	25	12	14.60
Rose Mount	10.44	4.28	3	17	..	Wallingford	17.43	4.76	1	14	11.80
Montego Bay	9.56	3.78	2	14	7.12	Balaclava	13.47	2.56	5	12	12.13
Anchovy	6.43	1.44	14	16	8.00	Wakefield	8.91	1.78	26	13	..
Hopewell	6.52	1.00	18	16	..	Maggotty	17.06	3.69	7	13	13.21
Bamboo-Hanover	7.81	1.12	25	14	..	Lacovia	14.42	3.00	7	10	..
Blue Hole	14.49	3.79	4	13	12.10	Ipswich	..	..	..	..	..
Cascade	21.72	2.61	19	25	..	Kempshot	13.36	2.76	3	18	10.19
Kew	16.80	3.85	3	14	11.28	Garlands	..	..	..	..	..
Lucea	12.21	2.60	3	12	8.53	Moch, St. James	18.11	2.44	12	20	..
Haughton Court	11.27	3.12	20	12	8.89	Bandon Pen	10.96	2.10	13	17	..
Kendal	16.10	3.50	1	17	..	Catadupa	15.52	3.42	12	17	15.76
Cousins Cove	9.52	1.83	14	16	..	Cambridge, St. James	..	..	..	..	13.30
Green River	13.47	3.25	1	17	..	New Market	10.59	2.48	5	11	12.50
Green Island	10.84	2.50	14	13	9.84	Kew Park	12.76	2.30	5	17	12.97
Haughton Hall	10.12	2.25	11	17	..	Montpelier	..	..	..	..	10.59
CENTRAL SUB-DIVISION.						The Bog	10.50	2.68	1	13	14.15
Knollis	7.78	2.17	6	9	..	Bethel Town Dist.	16.77	3.90	12	21	16.95
Highgate	9.88	2.55	9	11	..	Burnt Ground	13.74	2.41	2	8	13.74
Rio Magno	4.26	1.07	14	12	..	Haughton Grove	14.55	2.63	5	20	13.98
Riversdale	1.65	0.80	1	4	..	Darliston	18.89	2.72	13	17	16.30
Headworks, R.C.C.	3.92	1.85	7	6	7.31	Bluefields	9.22	2.85	1	15	11.86
Bog Walk	5.98	1.35	7	10	..	Whithorn	15.21	2.04	11	20	13.29
Linstead	2.57	1.02	6	10	9.69	Water Works Pen	11.69	3.50	13	16	11.86
Ewarton	1.90	0.93	6	5	..	Askenish	24.56	3.05	13	18	12.65
Cave Valley	5.02	1.84	1	7	9.10	Grange Hill	7.22	1.06	8	20	13.44
Guanaboa Vale	4.83	2.10	1	7	..	King's Vale	6.46	1.70	17	11	11.38
Point Hill	5.22	2.37	1	9	11.11	SOUTHERN DIVISION (S.)					
Brown's Hall	5.48	2.07	1	8	8.38	Morant Point L.H.	2.68	0.87	1	9	8.68
Bellas Gate	5.64	2.50	1	9	5.57	Golden Grove	3.35	1.48	5	10	..
Rock River	2.54	2.17	1	7	..	Pleasant Hill	4.25	1.85	5	10	7.69
Crofts Hill	5.44	2.60	5	9	7.16	East Prospect	3.20	1.24	14	17	8.88
Far Enough	7.18	2.12	5	12	..	Morant Bay	4.17	1.12	14	18	7.31
Suttons	10.17	3.00	1	8	..	Aeolus Valley	..	..	..	..	..
Colonel's Ridge	10.52	3.04	12	11	..	Yallahs	3.22	1.50	14	7	..
Chapelton	7.40	1.96	1	8	8.55	Easington	2.49	0.83	14	8	6.26
Crooked River	4.62	1.44	25	14	..	Mavis Bank	2.98	1.34	11	10	..
James Hill	6.17	1.65	1	11	..	Bull Bay	0.34	0.30	1	2	3.87
Frankfield	6.13	1.25	10	13	7.52	Dallas Castle	1.73	0.61	1	11	..
WEST-CENTRAL DIVISION (W.C.)						Gordon Town	9.16	2.64	11	11	7.13
Moch, Clarendon	4.64	1.23	1	9	9.71	Irish Town	9.07	1.90	11	14	6.56
Clarendon Park	3.89	1.03	1	10	..	Hope Gardens	3.10	0.87	5	12	6.23
Porus	8.00	4.20	1	10	..	Waireka	..	..	..	..	..
Borobridge	9.39	2.73	1	11	..	Ivor	6.11	1.26	5	14	..
Spaldings	6.95	1.90	5	13	7.74	Barbican	4.48	1.64	7	11	..
Williamsfield	9.82	2.39	2	12	..	Plumb Point L. H.	1.18	0.70	15	3	4.57
Brokenhurst	9.85	2.08	11	16	9.59	King's House Gar.	2.32	0.85	7	9	5.84
Shooters Hill	7.21	3.08	1	9	7.34	Upper Kingston	1.25	0.70	7	7	2.44
Wait-a-Bit	9.46	1.50	5	11	..	Kingston P.W.O.	1.93	1.22	7	4	4.01
Christiana	10.18	2.86	25	13	10.69	Halfway Tree	2.29	0.88	5	8	4.63
Clifton Hill	10.92	2.90	30	9	6.67	Clifton Pen	1.79	0.72	1	5	3.94
Hendal, Manchester	9.01	2.09	1	12	9.83	Red Hills	4.10	1.10	13	6	..

STATIONS.	May, 1934.					STATIONS.	May, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, <i>contd.</i>	Ins.	Ins.			Ins.	SOUTHERN DIVISION, <i>contd.</i>	Ins.	Ins.			Ins.
Quarantine Station	1.51	1.19	2	4	3.33	Great Valley, Man.	4.68	2.42	1	6	6.42
Hematine	2.03	0.97	1	8	6.19	Alligator Pond	5.28	2.48	1	19	5.15
Spanish Town	2.24	1.18	1	8	5.82	Fairfield	5.53	1.52	29	6	7.55
The Stewartry	2.72	0.99	7	5	..	Lititz	5.85	2.28	1	13	4.98
Cross Pen	4.45	1.87	7	10	..	Myersville	5.05	1.75	2	6	..
Hog Hole, St. Cath.	3.71	0.94	1	8	6.65	Southfield, St. Eliz.	5.51	1.20	5	7	5.88
Old Harbour	3.45	2.07	1	8	5.85	Munro	12.10	3.42	9	11	..
May Pen	2.67	0.17	29	10	6.44	Windsor, St. Eliz.	1.74	0.48	1	6	6.26
Glen Muir	..	..	..	..	..	Torrington	2.96	1.33	1	6	11.02
Cottage	3.99	1.08	1	12	..	Santa Cruz	1.68	1.00	5	3	3.48
Belle Plain	2.33	0.70	11	7	..	Pedro Plains	5.83	1.62	6	13	3.73
Milk River	5.23	1.00	2	15	5.60	Mountainside	4.60	2.00	5	6	..
Retrieve	5.29	1.50	1	8	4.77	Fort Charles	8.25	1.88	6	14	6.57
Hog Hole, S. Man.	8.90	3.00	1	7	6.82	Black River	9.63	2.80	1	10	7.40
Stone's Hope	13.49	4.54	1	15	8.51	Font Hill	6.36	2.39	1	9	8.37
Newport, Man.	9.08	2.25	1	19	8.02	Mount Edgecombe	6.32	2.35	10	4	9.88
						Sweet River	2.89	1.05	10	10	8.60
						Sav.-la-Mar					9.89
						Little London					9.03
						Retreat					6.25
						Negril Point L.H.					

NOTES.

SHOCKS OF EARTHQUAKE IN MAY, 1934.

COMPARATIVE TABLE OF RAINFALL AND RAINY DAYS.					Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
DIVISIONAL AND ISLAND RAINFALL.	May.						None Reported.	
	Rainfall.		Rainy Days.					
	1934.	Ave.	1934.	Ave.				
	Ins.	Ins.						
North-Eastern	6.54	9.76	11	13				
Northern	6.03	6.90	10	10				
West-Central	11.77	12.06	14	15				
Southern	4.71	6.35	9	10				
The Island means	7.26	8.77	11	12				

N.B. IT IS PARTICULARLY REQUESTED TO SEND ALL RAINFALL POSTCARDS IN NOT LATER THAN THE 6TH OF EACH MONTH.

THE ISLAND—MAY.

For the first time in twelve months, the mean rainfall for the Island was below the average. There was a deficiency in all divisions particularly the North-Eastern and Southern.

Most of the rain appears to have fallen in the first half of the month, particularly on the 1st, 5th, 11th and 14th.

The mean number of rainy days was 11, the average being 12. Cascade in the Northern Division had the greatest number of rainy days—25.

The greatest total fall for the month was 24.56 inches at Askenish in the West-Central Division, and the heaviest fall in 24 hours was 4.76 inches at Wallingford in the same division.

No rain fell at Lennox in the North-Eastern Division.

The mean rainfall in each parish is given below.

	Inches.		Inches.
Kingston ..	1.45	St. James ..	9.81
St. Andrew ..	7.85	Hanover ..	13.14
St. Thomas ..	4.98	Westmoreland ..	10.01
Portland ..	3.74	St. Elizabeth ..	8.25
St. Mary ..	7.55	Manchester ..	8.75
St. Ann ..	4.49	Clarendon ..	5.97
Trelawny ..	5.76	St. Catherine ..	5.29

CITY OF KINGSTON.

The total rainfall for the month of May was only 1.93 inch, shewing less than one-half of the 60-year normal of 4.02 ins. The greatest fall in 24 hours was 1.22 inch on the 7th. There were four rainy days, as against the mean of 7.4 days for 49 years. The upper boundary of Kingston gauged only 1.25 inch with seven rainy days.

Distant rain to northward on 9 days; to northeastward on 8 days; to southward and southwestward one day each and to northwestward on 2 days.

The mean barometric pressure was 29.913 ins., shewing 0.003 inch above that of the 33-year normal of 29.910 ins. The highest barometer reading was 29.981 ins. on 14th at 3 p.m., and the lowest was 29.802 ins. on 26th at 7 a.m., correc. for diur. variation.

The mean monthly temperature, based upon four observations per day was 79.5 degs.; the 33-year normal being 79.7 degs., or 0.2 deg. below the normal. The highest maximum temperature was 87.3 degs. on 28th, and the lowest minimum 68.5 degs. on 8th. On the other hand the lowest maximum was 83.4 degs. on 1st, and the highest minimum 77.9 degs. on 30th. The greatest range of temperature was 17.5 degs. on 8th, and the least range was 8.4 degs. on 1st. The maximum was consistently below 90 degs. throughout, and the minimum was below 70 degs. on four days.

Mean daily miles of wind registered was 229, as compared with the 25-year normal of 209, shewing about 10% in excess of the normal. The greatest number of miles of wind recorded in 24 hours was 378 on 30th, and the least 93 on 24th. South-easterly wind commenced early on two days, and continued until after 7 p.m. on 12 occasions. This wind continued throughout the nights of the 3rd, 16th, 20th, 28th, 29th, and 30th.

The mean relative humidity was 78%, which corresponds with that of the normal of 33 years. The mean 7 a.m. was 78%, and the mean 3 p.m. 70%. The lowest 7 a.m. was 66% on 27th, and the lowest 3 p.m. was 57% on 31st.

The sky was overcast in the early morning on 9 occasions, and in the afternoon on 20 occasions.

Distant lightning was observed to the northward on six days; to the north-eastward on two days and to the southwest on one day. Moderate local thunderstorm on 1st at 4.45 p.m.

The sky was overcast in the early morning on nine occasions, and in the afternoon on 20 occasions.

Total evaporation for the month of May was 7.63 ins.; the 10-year normal being 7.91 inches.

The mean daily number of sunshine hours was 7.0.

CAYMAN ISLANDS.

Government House, Georgetown, Grand Cayman.—Total rainfall for May 1934, 8.10 ins. Greatest fall in 24 hours 3.14 ins. on 31st with 11 rainy days.

J. F. BRENNAN,
Government Meteorologist.

Kingston, June 20th, 1934.

No. 692.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF

JUNE, 1934.

The Bar. pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screen; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower (L) clouds are for the most part fracto-stratus; the Middle (M) clouds cumulus and the Upper (U) clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 7th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure			Temperature.				Extreme Temperature.					
		7 a.m.	3 p.m.		7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	ins.	ins.											
Morant Point Light House	8	29.972	29.954	81.3	84.8	86.6	78.4	8.2	88.1	14	71.9	19*	16.2	
Kingston	24	29.941	29.911	78.8	85.2	88.1	74.1	14.0	91.7	28	69.4	27	22.3	
Negril Point Light House	33	29.949	29.926	80.2	84.6	87.2	74.3	12.9	91.0	28	69.5	11	21.5	
Castleton Gardens	496			69.3	81.7	88.8	68.3	20.5	92.0	28*	65.0	6	27.0	
Hope Gardens†	668	29.974	29.919	74.8	84.1	87.6	70.7	16.9	94.0	28	70.0	2	24.0	
Boon Hall	970													
Hill Gardens	4,900	25.281	25.260	64.1	66.3	70.7	57.7	13.0	75.0	27*	56.0	2*	19.0	

STATIONS.	Elevation.	Dewpoint and Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
	ft.	°	%	°	%	ins.	Mls.	Dir.	m.p.h.	Dir.	m.p.h.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	75	82	76	74	0.99	284	E	14.0	E	12.0	1.4	2.5	2.1	1.3	3.0	1.8
Kingston	24	70	75	73	67	0.61	266	S.E.	6.8	S.E.	18.8	0.8	0.7	3.6	2.0	1.8	3.6
Negril Point Light House	33	72	78	75	75	1.65	279	ENE	8.6	S.E.	15.0	1.6	1.6	3.3	2.9	3.6	2.3
Castleton Gardens	496	67	95	77	84	3.89	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	70	83	72	67	2.82	..	..	..	..	..	..	..	..	..	..	..
Boon Hall	970	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	62	91	63	89	2.93	..	..	..	..	..	..	..	..	..	..	..

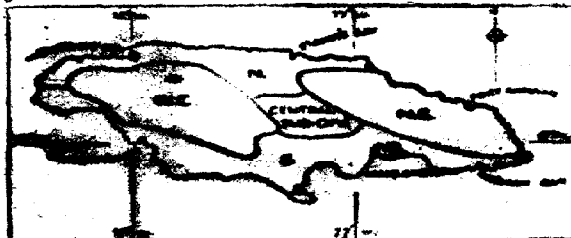
* And on other days. † Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1929." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 20 of 1923 Edition, an outline of which is given below.



June, 1934.

STATIONS.

NORTH-EASTERN					
DIVISION. (N.E.)		Ins.	Ins.		Ins.
Manchioneal	3.11	1.12	7	13	6.76
Priestman's River	2.74	1.65	7	7	4.99
Bath	6.31	1.20	7	15	10.91
Barrett's Gap	7.91	1.60	11	19	
Millbank	7.09	1.75	7	13	
Moore Town	3.90	1.00	7	12	18.56
Port Antonio	3.84	1.00	7	13	14.32
Passey Garden	1.80	0.60	7	9	
Fellowship	0.00			0	17.26
Johnson River Br.	6.55	2.21	9	11	11.52
Trinity Ville	6.07	1.55	9	13	
Shrewsbury	0.53	0.23	7	4	11.08
Hope Bay	1.22	0.62	7	7	
Cedar Valley	9.99	2.62	18	18	11.22
Moy Hall	5.80	1.50	19	13	11.64
Paradise	0.71	0.28	7	4	
Lennox	0.00			0	
Greenvale	0.39	0.39	7	1	3.66
Spring Garden	0.32	0.17	7	2	3.92
Hill Gardens	2.93	0.88	20	7	6.73
Buff Bay	0.25	0.20	8	2	6.60
Orange Vale	0.27	0.20	7	3	
Belvedere, Portland	0.14	0.10	24	2	1.98
Windsor Castle, do.	0.31	0.31	7	1	5.00
Balcarras	0.75	0.60	7	2	
Mt. Holstein	2.12	0.66	21	6	5.54
Cedar Hurst	2.20	0.36	22	8	
Hardware Gap	3.02	1.37	9	3	6.58
Rose Hill	2.45	0.73	10	6	6.18
Hermitage	3.68	1.20	20	10	
Mount Airy	2.86	1.00	21	9	
Stony Hill Ind. Sch.	2.97	1.34	21	7	6.53
Boon Hall	3.17	1.50	20	14	

June, 1934.

STATIONS.

NORTH-EASTERN					
DIVISION, contd.					
	Ins.	Ins.			Ins.
Brandon Hill	0.82	0.35	22	5	
Iter Boreale					
Enfield	1.38	0.86	24	3	
Agusha Vale	2.56	1.03	24	7	2.93
Castleton Gardens	3.89	1.12	11	10	8.82
Water Valley	1.33	1.08	11	3	3.74
Albany	1.89	1.45	11	5	3.01
Lawrence Tavern	2.95	1.05	9	5	6.27
Wey Hill	2.37	1.40	11	7	
Ricamond, St. Mary	4.07	1.73	7	7	4.69
Quebec, St. Mary	1.76	0.90	12	4	4.48
Above Rocks	2.98	1.30	9	3	
Glengoffe	3.49	1.55	11	4	
Carew Castle	4.15	1.70	10	9	8.51
Hampstead, St. Mary	1.86	0.44	6	9	3.57
Windsor Castle do.	4.45	2.00	11	7	
Troja	6.38	1.95	23	6	
Pear Tree Grove	2.98	1.13	21	4	
Guy's Hill	5.79	1.60	22	10	5.74
Lucky Hill	8.40	3.45	11	9	3.66
Rio Hoe	4.01	1.35	9	10	7.47
Unity Valley	8.10	1.67	9	12	7.72
Moneague	9.39	2.61	3	13	7.39
Claremont	3.70	2.00	3	2	5.04
Averham Park	1.89	0.62	3	9	4.94
Albion	3.05	0.69	20	10	6.16
NORTHERN					
DIVISION (N).					
Port Maria	0.56	0.25	7	5	4.86
Wentworth	0.41	0.36	7	2	
Eden Park					
Oracabessa	0.26	0.22	7	2	
Huddersfield	6.20	2.43	7	5	
Ocho Rios	5.52	1.58	2	6	3.16
Bogue, Ocho Rios	3.29	1.20	24	4	3.75
Drax Hall					4.50
Rockfield	0.90	0.19	30	8	3.10
Liberty Hill	0.79	0.30	3	5	3.58
St. Ann's Bay	0.78	0.55	11	2	3.67
Seville					4.04
Richmond Estate	0.00			0	4.10
Llandoverly					3.86
Runaway Bay	0.24	0.24	19	1	1.29
Knapdale	1.80	0.45	4	8	
Alexandria	4.55	2.00	20	6	3.18
Bel-Air	0.95	0.40	11	5	
Brown's Town	2.60	1.80	21	4	3.55
Watt Town, St. Ann	1.35	0.32	21	5	3.86
Home Castle	2.05	0.75	20	4	3.60
Richmond Pen	3.30	2.00	20	4	4.58
Arcadia	1.68	0.68	4	5	3.70
Vale Royal	2.00	0.91	20	5	4.09
Harmony Hall	2.03	1.65	4	4	2.56
Duncans	0.53	0.20	20	3	
Clark's Town	4.80	2.38	20	7	
Falmouth	1.67	0.78	5	5	2.40
The Hague	1.40	0.55	5	9	
Wales	3.05	0.80	7	6	

STATIONS.	June, 1934.					STATIONS.	June, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.					
Adelphi	3.40	0.89	24	10		Mereworth	6.85	1.89	19	17	Ins.
Success	2.10	0.90	24	3	2.19	Mandeville	5.31	1.65	19	18	2.82
Rose Hall	2.15	0.70	24	4	2.70	Ulster Spring	4.87	1.55	20	9	6.31
Cinnamon Hill	3.00	1.05	24	4	2.78	Marshall's Pen	4.70	0.80	10	12	6.05
Tryall	4.13	2.50	21	5	5.08	Greenvale	4.23	1.15	7	9	
Running Gut	2.35	1.10	24	3	2.86	Albert Town	3.00	0.87	20	7	5.35
Spring Estate	2.65	1.50	21	3	2.63	Craig Head	2.17	1.00	19	4	
Friendship	5.46	1.25	21	10	6.04	Warsop	2.67	2.15	20	7	
Retirement	4.67	1.00	5	10	6.82	Troy	2.90	1.00	20	5	8.13
Rose Mount	4.30	1.18	21	12		Wallingford	6.27	3.02	19	10	5.05
Montego Bay	3.78	0.96	5	10	6.17	Balaclava	5.34	1.94	19	7	4.52
Anchovy	4.00	1.04	10	13	6.78	Wakefield	4.28	1.40	9	7	
Hopewell	3.91	1.20	9	8		Maggotty	8.57	1.94	29	9	6.53
Bamboo-Hanover	3.27	0.81	9	14		Lacovia					
Blue Hole	4.25	1.99	4	12	11.30	Ipswich					
Cascade	13.37	2.14	26	19		Kempshot	6.29	1.74	10	12	8.57
Kew	7.00	1.50	11	12	8.60	Garlands					
Luca	4.14	0.65	4	14	7.90	Mocha, St. James	7.62	2.50	20	13	
Haughton Court					8.17	Bandon Pen	4.46	2.16	10	6	
Kendal	10.15	3.58	10	15		Catadupa	6.09	2.16	20	12	9.83
Cousins Cove	8.22	1.13	5	16		Cambridge, St. James					9.97
Green River	8.60	2.85	10	14		New Market	6.09	1.82	25	8	7.99
Green Island	5.63	1.00	10	12	11.93	Kew Park	4.59	1.35	20	10	9.21
Haughton Hall	6.05	1.86	10			Montpelier					7.40
CENTRAL SUB-DIVISION.						The Bog	6.60	1.65	26	12	8.37
Knollis	7.03	2.25	10	11		Bethel Town Dist.	4.64	1.56	20	13	11.15
Highgate	6.20	1.74	10	13		Burnt Ground	5.15	0.75	9	13	10.07
Rio Magno	8.51	3.00	10	10		Haughton Grove	7.03	2.16	20	11	8.80
Riversdale	7.65	1.23	9	12		Darliston	5.40	1.64	30	12	10.53
Headworks, R.C.C.	1.95	1.18	19	4	4.56	Bluefields	7.11	1.72	26	11	9.42
Bog Walk	6.95	2.00	10	8		Whithorn	6.72	1.52	21	12	10.16
Linstead	4.88	1.67	8	9	7.24	Water Works Pen	5.02	2.15	25	13	8.87
Ewarton	7.03	1.70	10	6		Askenish	13.42	3.00	26	12	15.10
Cave Valley	2.99	0.91	30	8	7.11	Grange Hill	7.07	1.25	30	14	11.09
Guanaboa Vale	3.43	1.87	18	5		King's Vale	6.68	2.15	10	7	11.84
Point Hill	4.48	2.03	30	8	8.23	SOUTHERN DIVISION (S.)					
Brown's Hall	3.77	1.64	30	5	9.18	Morant Point L.H.	0.99	0.40	7	10	5.59
Bellas Gate	2.15	0.80	30	5	1.82	Golden Grove	2.24	0.91	7	9	
Rock River	3.90	2.65	19	5		Pleasant Hill	2.76	1.00	9	10	3.79
Crofts Hill	4.41	1.60	30	9	3.52	East Prospect	2.16	0.65	9	19	6.38
Far Enough	4.98	1.70	20	10		Morant Bay	2.58	1.00	9	15	7.59
Suttons	7.42	5.72	19	11		Aeolus Valley					
Colonel's Ridge						Yallahs	3.20	0.68	1	9	
Chapelton	3.99	1.78	3	10	5.98	Easington	4.16	0.83	9	11	7.36
Crooked River						Mavis Bank	3.16	0.95	19	8	
James Hill	7.09	2.40	19	9		Bull Bay	1.40	0.81	19	4	3.90
Frankfield	4.95	1.40	10	9	4.37	Dallas Castle	4.52	1.94	18	6	
WEST-CENTRAL DIVISION (W.C.)						Gordon Town	3.28	1.84	20	5	4.40
Mocha, Clarendon	3.91	1.15	30	8	6.25	Irish Town	3.42	1.27	20	6	3.93
Clarendon Park	1.74	0.40	20	16		Hope Gardens	2.82	1.37	20	9	4.66
Porus	2.76	0.73	30	12		Waireka					
Borobridge	6.43	2.40	19	6		Ivor	5.06	3.22	20	9	
Spaldings	4.31	1.30	7	6	4.10	Barbican	3.38	1.78	20	7	
Williamsfield	3.44	0.77	30	17		Plumb Point L. H.	0.34	0.24	7	2	3.85
Brokenhurst	4.57	0.76	6	15	9.92	King's House Gar.	3.64	2.14	20	5	3.82
Shooters Hill	3.97	1.45	10	6	4.86	Cavaliers	1.07	0.78	20	3	
Wait-a-Bit	1.66	1.02	19	4		Upper Kingston	0.94	0.56	20	5	0.99
Christiana	4.38	2.08	19	9	5.96	Kingston P.W.O.	0.61	0.30	20	6	3.53
Clifton Hill	5.08	1.33	20	13	4.06	Constant Spring	2.77	0.94	20	7	
Kendal, Manchester	3.78	1.18	30	12	7.05	Halfway Tree	0.73	0.39	20	3	3.24
						Clifton Pen	0.51	0.33	7	3	3.43
						Red Hills	1.26	0.57	19	6	

STATIONS.	June, 1934.					STATIONS.	June, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, contd.						SOUTHERN DIVISION, contd.					
Quarantine Station	0.31	0.18	6	5	2.19	Great Valley, Man.	1.91	1.20	7	4	6.02
Hematine	0.19	0.07	9	4	2.41	Alligator Pond	5.53	2.33	19	16	3.65
Spanish Town	0.19	0.07	9	4	4.08	Fairfield	2.07	0.89	7	4	5.32
The Stewartry	1.33	0.96	19	4	..	Lititz	1.44	0.55	7	9	1.69
Cross Pen	1.27	0.61	19	7	..	Myersville	3.46	1.49	21	7	..
Hog Hole, St. Cath.	0.55	0.28	30	5	4.43	Southfield, St. Eliz.	3.03	1.12	19	6	2.72
Old Harbour	3.33	1.10	12	7	5.30	Munro	3.50	1.60	18	6	..
May Pen	2.36	1.30	19	14	5.11	Windsor, St. Eliz.	2.11	1.83	20	3	3.05
Glen Muir	2.40	2.00	19	2	..	Torrington	1.65	1.49	20	2	5.15
Cottage	2.05	0.85	7	10	..	Santa Cruz	5.16	1.45	25	12	2.10
Belle Plain	1.05	0.58	7	6	..	Pedro Plains	1.57	0.50	30	7	2.04
Milk River	1.84	0.51	7	11	4.88	Mountainside	1.86	0.76	24	7	..
Retrieve	2.06	0.75	7	6	2.74	Fort Charles	3.14	1.02	23	6	3.58
Hog Hole, S. Man.	3.46	1.03	6	6	3.05	Black River	1.65	0.43	30	13	4.74
Stone's Hope	3.11	0.65	7	9	7.44	Font Hill	2.99	1.26	30	12	6.11
Newport, Man.	3.90	1.00	7	15	6.99	Mount Edgecombe	5.16	1.45	25	12	7.18
						Sweet River	1.57	0.50	30	7	6.61
						Sav.-la-Mar	1.86	0.76	24	7	8.52
						Little London	3.14	1.02	23	6	7.39
						Retreat	1.65	0.43	30	13	5.59
						Negril Point L.H.					

NOTES.

SHOCKS OF EARTHQUAKE IN JUNE, 1934.

COMPARATIVE TABLE OF RAINFALL AND RAINY DAYS.					Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
DIVISIONAL AND ISLAND RAINFALL.	June.						None Reported.	
	Rainfall.		Rainy Days.					
	1934.	Ave.	1934.	Ave.				
	Ins.	Ins.						
North-Eastern	3.42	7.51	7	11				
Northern	3.05	5.10	8	9				
West-Central	5.63	8.57	10	13				
Southern	2.19	4.93	7	8				
The Island means	3.57	6.53	8	10				

N.B. IT IS PARTICULARLY REQUESTED TO SEND ALL RAINFALL POSTCARDS IN NOT LATER THAN THE 6TH OF EACH MONTH.

THE ISLAND—JUNE.

The mean rainfall for the Island was much below the average in all Divisions, being only about half the normal.

The greatest total fall for the month was 13.42 inches at Askenish in the West-Central Division and the heaviest fall in 24 hours was 5.72 inches at Suttons in the Central Sub-Division on the 19th.

No rain fell at Fellowship, Lennox and Richmond Estate.

The mean number of rainy days was 8, the average being 10. Barrett's Gap in the North-Eastern Division, Cascade in the Northern and East Prospect in the Southern Division, had most rainy days—19 each.

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston	0.63	St. James	4.15
St. Andrew	2.77	Hanover	7.12
St. Thomas	4.87	Westmoreland	4.54
Portland	1.58	St. Elizabeth	3.60
St. Mary	2.93	Manchester	4.06
St. Ann	2.92	Clarendon	3.82
Trelawny	2.61	St. Catherine	3.92

The total rainfall for the first six months of the year is given below and shows an excess of 4.92 inches over the 60-year average.

	1934.	60-Year Average.
	Inches.	Inches.
January	4.76	4.00
February	9.03	3.13
March	4.20	3.35
April	6.65	4.77
May	7.26	8.77
June	3.57	6.53
Total	35.47	30.55

CITY OF KINGSTON.

The total rainfall for the month of June was only 0.61 of an inch, as against the 60-year normal of 3.51 inches, shewing about one-sixth of the normal. The greatest fall in 24 hours was 0.30 inch on 20th. The total number of rainy days was 6, as compared with the 49-year average of 6.4. The Upper Boundary of Kingston gauged 0.94 inch, with 5 rainy days.

Distant rain was observed to northward on 4 days, to north-eastward on 2 days, to eastward on one day, to south-east on 3 days, to the westward and north-westward on one day each.

Distant thunderstorm to northward on 2 days, to north-eastward on one day and to the NW. on one day.

The mean barometric pressure was 29.933 inches, and is nearly equal to the 33-year normal of 29.932 inches. Highest barometer reading 30.017 inches on 18th at 3 p.m., and the lowest 29.869 inches on 6th at 7 a.m., correc. for diur. var.

The mean monthly temperature, based upon four observations per day, was 81.0 degrees, shewing 0.1 degree above the normal. The highest maximum temperature was 91.7 degrees on 28th, and the lowest minimum 69.4 degrees on 27th. On the other hand the lowest maximum was 86.7 degrees on 14th, and the highest minimum 79.0 degrees on the 15th. The greatest range of temperature was 21.2 degrees on 27th, and the least range 8.1 degrees on 14th. The maximum was above 90 degrees on two days, and the minimum was below 70 degrees once.

The mean daily miles of wind registered was 266, as compared with the 25-year average of 239, representing about 11% above the average. The greatest number of miles recorded in 24 hours was 381 on the 2nd., and the least was 104 on the 20th. South-easterly wind commenced early on 5 days, and continued after 7 p.m. on 16 days. It prevailed throughout the nights of the 1st, 2nd, 6th, 11th, 12th, 13th, 14th and 15th (8 occasions), and chiefly during the first half of the month.

The mean relative humidity was 74%: the 33-year normal being 78%. The mean 7 a.m. was 75% and the mean 3 p.m. 67%. The lowest 7 a.m. was 64% on the 17th, and the lowest 3 p.m. 58% on the 23rd and 27th.

The sky was overcast in the early forenoon on 12 occasions, and in the afternoon on 20 occasions.

Distant thunderstorm to the northward on the 19th and 20th, to the north-east on 19th and to the north-west on the 9th.

The total Evaporation for the month of June was 8.26 inches, and the 10-year normal shews 6.93 inches. This excess is no doubt attributable to the small amount of rainfall.

Mean daily number of Sunshine hours was 6.5.

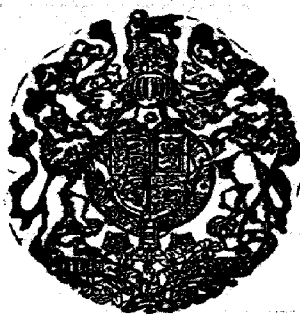
There was a consistent appearance of haze throughout the month, rendering visibility poor.

CAYMAN ISLANDS.

Government House, Georgetown, Grand Cayman—Total rainfall for June 4.67 inches. Greatest fall in 24 hours 1.65 inches with 9 rainy days.

J. F. BRENNAN,
Government Meteorologist.

Kingston, 20th July, 1934.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF

JULY, 1934.

The Bar. pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32", gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screen; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower (L) clouds are for the most part fracto-stratus; the Middle (M) clouds cumulus and the Upper (U) clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure		Temperature.				Extreme Temperature.					
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	ins.	ins.	°	°	°	°	°	°	°	°	°	°
Morant Point Light House	8	29.996	29.976	82.3	85.2	87.1	79.6	7.5	88.5	16	76.3	20	12.2
Kingston	24	29.964	29.930	77.4	85.6	89.2	73.0	16.2	92.6	30	70.3	25	22.3
Negril Point Light House	33	29.978	29.961	78.6	83.8	87.6	72.4	15.2	90.3	15	69.3	22	21.0
Castleton Gardens	496	..	..	69.3	81.9	87.9	68.3	19.6	93.0	11	66.0	1*	27.0
Hope Gardens†	668	30.001	29.945	75.0	85.4	89.6	70.7	18.9	93.0	13*	69.0	3	24.0
Boon Hall	970	..	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	25.286	25.271	63.6	67.9	71.3	58.2	13.1	76.0	19	5.7	2*	19.0

STATIONS.	Elevation.	Dewpoint and Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
		ft.	°	%	°			%	ins.	Mls.	Dir.	m.p.h.	Dir.	m.p.h.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	76	81	76	73	1.01	228	ENE	13.0	ENE	12.0	1.1	2.5	2.0	0.5	2.4	2.0
Kingston	24	69	77	73	68	0.85	217	NE	4.5	NNE	7.2	0.3	0.7	2.1	3.9	1.5	2.6
Negril Point Light House	33	71	78	74	73	6.09	179	NE	7.0	NNW	8.0	0.6	0.0	4.6	3.0	6.1	0.0
Castleton Gardens	496	67	96	76	82	12.70	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	70	83	71	62	1.61	..	..	..	..	..	..	..	..	..	..	..
Boon Hall	970	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	58	81	63	86	3.71	..	..	..	..	..	..	..	..	..	..	..

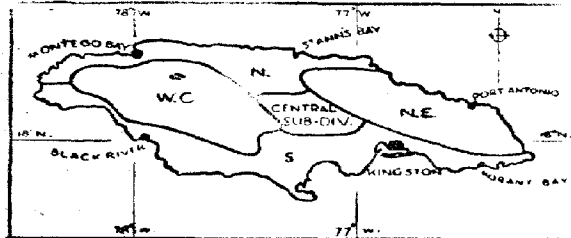
* And on other days. † Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1929." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negrit; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



July, 1934.

STATIONS.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION. (N.E.)					
Manchioneal	Ins.	Ins.			Ins.
Priestman's River	2.48	0.40	22	12	5.49
Bath	3.95	1.10	7	7	5.64
Barrett's Gap	7.68	1.43	23	17	7.93
Millbank	7.56	1.80	6	19	..
Moore Town	21.54	4.16	21	14	..
Port Antonio	18.68	4.20	7	18	16.27
Passey Garden	6.36	1.50	6	17	10.25
Fellowship	5.22	1.03	7	17	..
Johnson River Br.	9.42	2.32	2	11	13.80
Trinity Ville	5.77	1.41	7	11	6.63
Shrewsbury	4.88	1.00	23	9	..
Hope Bay	3.10	0.78	28	10	8.89
Cedar Valley	4.72	0.70	7	16	..
Moy Hall	4.83	0.85	22	10	4.19
Paradise	3.10	0.80	7	12	5.16
Lennox	3.53	0.88	28	10	..
Greenvale	0.96	0.36	21	5	..
Spring Garden	1.76	1.00	28	7	3.57
Hill Gardens	1.21	0.50	29	11	3.95
Buff Bay	3.71	2.26	26	9	3.36
Orange Vale	1.45	0.64	28	8	6.15
Belvedere, Portland	1.41	0.81	28	5	..
Windsor Castle, do.	1.00	1.00	29	1	2.37
Balcarras	1.53	0.88	28	5	3.89
Mt. Holstein	4.06	2.33	26	5	..
Cedar Hurst	9.04	4.07	26	9	4.72
Hardware Gap	7.44	1.82	26	13	..
Rose Hill	6.11	1.70	8	8	3.90
Hermitage	10.00	1.55	16	11	5.40
Mount Airy	6.49	2.11	17	12	..
Stony Hill Ind. Sch.	8.25	1.32	25	14	..
Boon Hall	5.85	1.39	17	12	4.87
	6.95	1.87	25	15	..

STATIONS.	July, 1934.				
	Total Fall.	Greatest fall in 24 hours.	Days on which 0.01 or more fell.		Average.
	Amount.	Date.			
NORTH-EASTERN DIVISION, contd.					
Brandon Hill	Ins.	Ins.			Ins.
Iter Boreale	7.04	2.06	21	13	
Enfield	4.00	1.90	28	4	
Aqualta Vale	1.49	0.98	8	3	3.15
Castleton Gardens	12.70	3.25	26	17	5.86
Water Valley	0.14	0.09	29	2	3.13
Albany	0.29	0.18	28	3	3.63
Lawrence Tavern	8.67	1.92	8	12	5.00
Wey Hill	9.39	1.92	8	17	
Richmond, St. Mary	3.36	1.20	21	6	3.26
Quebec, St. Mary					3.42
Above Rocks	8.97	1.82	25	14	
Clengoffe	4.26	0.85	25	8	
Carew Castle	5.15	0.84	5	13	6.24
Hampstead, St. Mary	0.84	0.25	28	6	2.87
Windsor Castle do.	3.42	1.84	8	5	
Troja	6.25	1.17	21	12	
Pear Tree Grove	1.93	0.52	8	5	
Guy's Hill	6.27	0.75	21	12	3.83
Lucky Hill	6.70	3.20	7	7	2.85
Rio Hoe	7.56	2.00	8	10	4.09
Unity Valley	6.44	1.03	7	19	5.49
Moneague	6.54	1.88	21	13	4.51
Claremont	3.38	1.13	21	5	3.23
Averham Park	2.40	0.93	21	11	2.91
Albion	5.02	1.22	21	14	3.98
NORTHERN DIVISION (N).					
Port Maria	1.74	0.85	4	7	3.84
Wentworth	1.78	0.90	4	5	
Eden Park					
Oracabessa	2.46	1.00	8	5	
Huddersfield	2.30	2.30	8	1	
Ocho Rios	2.77	1.31	9	5	2.10
Bogue, Ocho Rios	1.66	0.55	4	4	2.62
Drax Hall					2.86
Rockfield	1.03	0.35	22	6	2.91
Liberty Hill	0.95	0.30	6	6	2.08
St. Ann's Bay	1.60	0.42	9	8	2.83
Seville					2.46
Richmond Estate	0.74	0.20	27	6	2.20
Llandoverly					1.96
Runaway Bay	1.30	0.45	9	6	1.06
Knapdale	5.91	1.44	3	12	
Alexandria	2.04	0.45	9	5	2.86
Bel-Air	1.80	0.60	21	7	
Brown's Town	5.13	0.92	21	13	2.39
Watt Town, St. Ann	1.55	0.40	8	6	3.00
Home Castle	5.48	2.00	23	8	2.18
Richmond Pen					2.95
Arcadia	3.54	0.55	8	9	2.16
Vale Royal	2.37	0.63	7	10	2.64
Harmony Hall	2.44	1.04	7	7	1.45
Duncans	1.72	0.61	8	6	3.03
Clark's Town					
Falmouth	1.12	0.45	9	5	1.46
The Hague					
Wales					

STATIONS.	July, 1934.					STATIONS.	July, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.					
Adelphi	7.83	1.50	7	12		Mereworth	6.17	1.26	6	16	
Success	0.33	0.18	21	2	1.30	Mandeville	5.57	0.98	7	15	5.32
Rose Hall	1.25	1.10	13	2	1.13	Ulster Spring	8.36	1.50	26	14	5.35
Cinnamon Hill	0.70	0.60	13	2	1.18	Marshall's Pen	5.97	0.80	10	11	4.82
Tryall	0.45	0.25	21	2	3.54	Greenville	3.39	1.20	5	12	
Running Gut	0.56	0.46	13	2	1.24	Albert Town	3.98	1.38	5	13	4.92
Spring Estate	0.45	0.35	21	2	1.44	Craig Head	5.03	2.45	16	6	
Friendship					2.88	Warsop	7.22	2.07	5	11	
Retirement	3.67	1.10	10	13	4.01	Troy	10.31	3.09	25	11	6.94
Rose Mount	3.39	1.01	7	8		Wallingford	9.39	2.68	21	14	5.18
Montego Bay	5.02	1.05	22	10	3.21	Balachava	6.12	1.61	21	10	4.69
Anchovy	6.80	0.91	9	15	4.49	Wakefield	8.04	1.88	21	11	
Hopewell	7.42	1.40	21	15		Maggotty	5.51	1.50	17	13	8.35
Bamboo-Hanover	8.66	1.97	21	17		Lacovia	2.87	1.00	26	7	
Blue Hole	5.42	1.19	24	15	5.85	Ipswich					
Cascade	13.03	1.68	23	23		Kempshot	7.08	1.17	9	17	5.68
Kew					5.08	Garlands					
Lucea	4.27	0.91	25	19	4.93	Mocho, St. James	9.11	1.12	21	20	
Haughton Court	5.00	1.05	7	9	4.63	Bandon Pen	9.57	1.77	9	13	
Kendal	15.25	2.70	22	18		Catadupa	9.02	1.34	21	18	9.36
Cousins Cove	9.05	1.75	23	23		Cambridge, St. James	9.41	2.10	17	17	9.59
Green River	14.61	1.95	29	21		New Market	8.62	1.49	16	13	8.36
Green Island	9.04	1.77	22	20	8.59	Kew Park	10.11	1.91	21	18	9.85
Haughton Hall	10.68	2.10	21	25		Montpelier					6.12
CENTRAL SUB-DIVISION.						The Bog	10.49	2.32	17	20	9.11
Knollis	7.40	1.43	3	9		Bethel Town Dist.	11.07	2.05	3	21	14.74
Highgate	7.15	1.56	6	14		Burnt Ground	13.78	2.96	9	13	8.81
Rio Magno	15.18	3.20	8	13		Haughton Grove					8.47
Riversdale	13.44	5.00	17	12		Darliston	13.43	1.69	2	20	11.42
Headworks, R.C.C.	3.25	1.48	4	5	2.99	Bluefields	8.05	1.03	3	18	9.32
Bog Walk	6.25	1.90	17	7		Whithorn	14.54	2.03	9	20	10.12
Linstead	3.93	0.62	7	19	5.88	Water Works Pen	8.97	1.35	5	25	9.40
Ewarton	5.57	1.58	22	9		Askenish	12.50	1.60	1	15	10.38
Cave Valley	3.59	0.62	4	14	4.54	Grange Hill	13.54	2.35	6	21	11.11
Guanaboa Vale	4.89	1.90	5	6		King's Vale	11.48	3.00	3	15	9.82
Point Hill	5.03	1.87	6	8	6.17	SOUTHERN DIVISION (S.)					
Brown's Hall	3.30	0.73	7	8	5.20	Morant Point L.H.	1.01	0.55	7	10	3.17
Bellas Gate	3.05	0.55	15	7	1.30	Golden Grove	2.28	0.67	7	12	
Rock River	2.87	0.85	26	5		Pleasant Hill	1.99	0.50	7	9	3.19
Crofts Hill	6.44	2.00	17	12	2.68	East Prospect	2.04	0.40	22	14	4.30
Far Enough	5.27	1.38	4	11		Morant Bay	3.07	0.54	6	15	4.95
Suttons	7.34	2.83	16	13		Aeolus Valley					
Colonel's Ridge	5.63	2.15	16	12		Yallahs	2.78	1.00	27	6	
Chapelton	4.48	0.96	17	14	3.12	Easington	3.75	1.40	7	9	4.87
Crooked River	5.61	1.11	5	12		Mavis Bank	2.50	1.67	25	7	
James Hill	4.62	2.23	6	14		Bull Bay	1.05	0.67	7	3	1.68
Frankfield	9.40	2.70	6	14	4.50	Dallas Castle	3.51	2.17	25	7	
WEST-CENTRAL DIVISION (W.C.)						Gordon Town	0.86	0.37	26	6	2.33
Mocho, Clarendon	6.62	1.90	2	10	3.46	Irish Town	1.70	0.64	28	8	1.73
Clarendon Park	1.99	0.70	6	10		Hope Gardens	1.61	0.58	16	7	2.50
Porus	3.40	0.50	24	15		Waiteka					
Boro-bridge	4.13	1.17	21	9		Ivor	1.56	0.29	25	11	
Spaldings	1.89	0.65	21	5	3.79	Barbican	1.33	0.37	2	10	
Williamsfield	5.90	1.46	2	17		Plumb Point L. H.	0.60	0.31	7	2	1.75
Brokenhurst	4.00	1.10	6	12	4.73	King's House Gar.	1.16	0.60	26	5	2.37
Shooters Hill	3.98	0.68	24	10	4.88	Cavaliers	1.47	0.89	5	9	
Wait-a-Bit	6.01	1.40	16	11		Upper Kingston	0.81	0.20	5	11	1.58
Christiana	2.48	0.81	5	10	4.09	Kingston P.W.O.	0.85	0.29	25	8	1.53
Clifton Hill	5.63	1.15	7	11	4.97	Constant Spring	5.04	1.42	17	12	
Kendal, Manchester.	4.39	0.86	2	14	5.13	Halfway Tree	2.71	1.60	2	3	1.53
						Clifton Pen	0.47	0.27	5	5	1.33
						Red Hills	2.62	0.66	25	10	

STATIONS.	July, 1934.					STATIONS.	July, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.	SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.
Quarantine Station ..	0.31	0.17	17	5	0.92	Great Valley, Man. ..					2.86
Hematine ..	0.13	0.05	4	3	1.14	Alligator Pond ..	0.33	0.33	6	1	2.01
Spanish Town ..	0.24	0.15	4	5	1.90	Fairfield ..	1.92	0.66	5	13	2.69
The Stewartry ..	0.97	0.54	4	5		Lititz ..					1.44
Cross Pen ..	2.48	2.00	4	5		Myersville ..	1.90	1.60	5	3	
Hog Hole, St. Cath. ..	0.80	0.56	4	4	2.19	Southfield, St. Eliz. ..	0.71	0.38	6	2	1.88
Old Harbour ..	0.60	0.34	6	3	1.99	Munro ..					
May Pen ..	3.38	1.10	5	7	2.76	Windsor, St. Eliz. ..	4.91	2.25	5	10	
Glen Muir ..	2.80	1.50	5	3		Torrington ..	1.12	0.60	24	4	2.29
Cottage ..	1.13	0.64	7	3		Santa Cruz ..	6.62	1.36	24	8	5.25
Belle Plain ..	3.01	0.90	2	4		Pedro Plains ..	0.07	0.07	24	1	1.52
Milk River ..	3.28	2.55	6	4	1.62	Mountainside ..	0.36	0.36	15	1	2.81
Retrieve ..	3.34	1.63	6	3	1.53	Fort Charles ..	0.60	0.32	2	2	
Hog Hole, S. Man. ..	5.01	2.50	16	3	2.84	Black River ..	3.64	1.26	2	10	4.52
Stone's Hope ..	5.08	1.98	25	8	3.50	Font Hill ..	8.90	2.50	17	11	5.45
Newport, Man. ..	3.71	1.05	6	9	3.28	Mount Edgecombe ..	6.26	0.88	17	16	6.82
						Sweet River ..	12.49	1.65	1	19	7.46
						Sav.-la-Mar ..	6.03	1.45	8	10	6.10
						Little London ..	9.54	3.09	9	13	6.20
						Retreat ..	7.65	2.94	9	9	7.43
						Negril Point L.H. ..	6.09	1.08	21	14	5.83

NOTES.

SHOCKS OF EARTHQUAKE IN JULY, 1934.

COMPARATIVE TABLE OF RAINFALL AND RAINY DAYS.					Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
DIVISIONAL AND ISLAND RAINFALL.	July.				9th	8.05 p.m.	I	Unity Valley
	Rainfall.		Rainy Days.		"	"	"	Rosemount
	1934.	Ave.	1934.	Ave.	"	8.10 "	"	Mocha (St. Jas.)
	Ins.	Ins.			"	"	"	Windsor
North-Eastern ..	5.11	5.25	10	10	"	"	"	Lucea
Northern ..	3.14	3.19	10	7				Riverside
West-Central ..	8.21	7.56	14	13				
Southern ..	2.96	2.99	7	7				
The Island means ..	4.86	4.75	10	9				

N.B. IT IS PARTICULARLY REQUESTED TO SEND ALL RAINFALL POSTCARDS IN NOT LATER THAN THE 6TH OF EACH MONTH.

THE ISLAND—JULY.

The mean rainfall for the Island was slightly over the average. The West Central Division had a small excess, while the other three Divisions had a little less than their averages.

The greatest total fall for the month was 21.54 ins. at Millbank in the North-eastern Division, and the heaviest fall in 24 hours was 4.20 ins. at Moore Town in the same Division on the 7th.

The rainfall was well distributed, the mean number of rainy days being 10, or 1 more than the average. Haughton Hall in the Northern Division and Water Works Pen in the West Central Division had most rainy days—25 each.

There was a hail storm at Colonel's Ridge on the 16th.

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston	0.75	St. James	4.34
St. Andrew	4.23	Hanover	10.79
St. Thomas	4.04	Westmoreland	9.88
Portland	5.44	St. Elizabeth	4.09
St. Mary	3.61	Manchester	4.13
St. Ann	3.34	Clarendon	4.47
Trelawny	5.01	St. Catherine	4.49

CITY OF KINGSTON.

The total rainfall for the month of July was only 0.85 inch, as against the 60-year normal of 1.54 inch, or about one-half of the average. The greatest fall in 24 hours was 0.29 inch on 25th. The total number of rainy days was 8, as compared with the 49-year average of 5.2. The upper boundary of Kingston gauged 0.81 inch with 11 rainy days.

Distant rain was observed to the northward on 9 days, to NE on 3 days, to SE on 3 days, to West on 3 days and to NW on one day.

Vivid distant lightning seen to north-eastward on 25th. Distant thunderstorm observed to northward on 7 days, to south on one day, to the SE on 3 days and to NW on one day. Moderate local thunderstorm on 25th.

The mean barometric pressure was 29.959 inches, and the 33-year normal gives 29.957 ins., shewing 0.002 inch above the normal. Highest barometer reading 30.019 ins. on 16th at 3 p.m., and the lowest 29.895 ins. on 26th at 7 a.m., correc. for diurnal variation.

The mean monthly temperature, based upon four observations per day, was 80.8 degs., and the 33-year normal shews 81.4 degs., or 0.6 degs. above normal. Highest Max. 92.6 degs. on 30th, and the lowest minimum 70.3 degs. on 25th. On the other hand the lowest maximum was 86.3 degs. on 24th, and the highest minimum 74.8 degs. on 21st. The greatest range of temperature was 19.3 degs. on 1st, and the least range 12.6 degs. on 7th. The maximum was above 90 degs. on 9 days, and the minimum was above 70 degs. throughout.

The mean daily miles of wind was 217, as compared with the 25-year normal of 227, shewing about 5% below the normal. The greatest number of miles of wind recorded in 24 hours was 296 on the 11th, and the least was 113 on the 25th. South-easterly wind commenced early on 3 occasions, and continued after 7 p.m. on 21 occasions.

The mean relative humidity was 76%, which corresponds with the 33-year normal. The mean 7 a.m. was 77%, and the mean 3 p.m. 68%. The lowest 7 a.m. humidity was 67% on the 1st, and the lowest 3 p.m. was 51% on the 11th.

The sky was overcast in the early forenoon on 8 days and in the afternoon on 22 days. There was a prevailing light haze observed throughout the month.

The total evaporation for the month was 8.30 inches. The 10-year average shews 7.87 ins. This excess is no doubt attributable to the deficiency of rainfall.

The mean daily number of sunshine hours was 5.6.

EARTHQUAKES.

A moderate shock of earthquake was reported from Lucea (Hanover) on the 9th July at about 8.10 p.m., also felt at Riverside, Windsor, Mocho (St. Jas.) Rosemount and Unity Valley.

At about the same time sharp shocks were experienced at Puerta Castilla, Spanish Honduras. Also at Cayman Brac several shocks were felt on the 9th at about 8 p.m.

CAYMAN ISLANDS.

Government House, Georgetown, Grand Cayman—Total rainfall for July, 1934, 4.72 inches. Greatest fall in 24 hours 1.34 inch on the 8th with 8 rainy days.

J. F. BRENNAN,
Government Meteorologist.

Kingston, August 20th, 1934.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF

AUGUST, 1934.

The Bar. pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screen; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower (L) clouds are for the most part fracto-stratus; the Middle (M) clouds cumulus and the Upper (U) clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure		Temperature.				Extreme Temperature.					
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	ins.	ins.	°	°	°	°	°	°		°		°
Morant Point Light House	8	29.989	29.964	81.9	85.6	87.9	78.7	9.2	88.8	2	72.6	23	16.2
Kingston	24	29.961	29.925	77.2	85.3	88.8	73.1	15.7	93.0	19	69.6	5	23.4
Negril Point Light House	33	29.975	29.943	78.5	84.7	87.8	73.1	14.7	90.5	7*	70.8	15	19.7
Castleton Gardens	496			70.1	81.7	87.4	69.1	18.3	92.0	1*	65.0	16*	27.0
Hope Gardens†	668	30.006	29.940	74.7	83.7	87.9	70.5	17.4	93.0	4	69.0	16*	24.0
Boon Hall	970												
Hill Gardens	4,900	25.273	25.258	63.9	68.4	71.4	58.0	13.4	77.0	8	57.0	15*	20.0

STATIONS.	Elevation.	Dewpoint and Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.		3 p.m.			
		ft.	°	%	°			%	ins.	Mls.	Dir.	m.p.h.	Dir.	m.p.h.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	76	83	78	75	6.73	263	ENE	10.5	ENE	10.0	1.1	2.2	1.6	0.8	3.0	1.9
Kingston	24	70	80	74	69	4.98	192	NE	5.2	SE	15.8	1.5	0.2	1.7	3.5	1.9	1.8
Negril Point Light House	33	72	82	75	72	4.39	183	NE	7.0	Var.	8.9	1.2	0.6	3.3	2.7	5.6	0.6
Castleton Gardens	496	69	95	79	88	13.27	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	70	83	72	67	7.34	..	..	..	..	..	..	..	..	..	..	..
Boon Hall	970	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	60	86	62	81	7.28	..	..	..	..	..	..	..	..	..	..	..

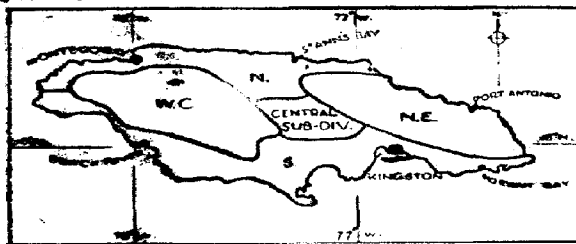
* And on other days. † Hope Gardens Bar. read at 9 a.m. and 3 p.m.,

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1929." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



August, 1934.

STATIONS.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION. (N.E.)					
Manchioneal	12.82	3.65	25	20	7.09
Priestman's River	16.76	3.00	27	12	8.00
Bath	13.48	3.87	26	15	9.98
Barrett's Gap	14.55	3.20	26	19	..
Millbank	31.62	4.87	26	22	..
Moore Town	21.90	5.30	5	17	15.77
Port Antonio	14.77	2.75	5	21	11.62
Passley Garden	14.82	2.64	24	22	..
Fellowship	18.20	6.00	5	14	14.25
Johnson River Br.	15.92	5.02	5	9	10.01
Trinity Ville	16.35	5.50	5	9	..
Shrewsbury	14.01	6.15	5	14	9.08
Hope Bay	13.11	3.44	5	19	..
Cedar Valley	13.30	3.95	26	12	9.23
Moy Hall	12.26	3.25	5	12	10.44
Paradise	14.71	6.13	5	14	..
Lennox	10.72	4.04	5	10	..
Greenvale	8.75	2.54	22	13	5.80
Spring Garden	5.57	3.10	5	9	6.52
Hill Gardens	7.28	2.52	5	10	7.80
Buff Bay	6.91	3.50	5	11	5.87
Orange Vale	9.92	7.53	5	11	..
Belvedere, Portland	8.16	4.45	5	7	5.35
Windsor Castle, do.	4.92	2.70	5	8	5.49
Balcarres	5.16	2.68	5	7	..
Mt. Holstein	6.35	2.19	26	11	7.02
Cedar Hurst	6.03	1.67	3	12	..
Hardware Gap	9.20	1.65	25	12	7.22
Rose Hill	11.29	2.29	27	13	9.92
Hermitage	10.02	1.45	2	15	..
Mount Airy	9.55	1.83	2	13	..
Stony Hill Ind. Sch...	9.26	2.41	26	15	8.86
Boon Hall	8.52	2.28	26	15	..

STATIONS.	August, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION, contd.	Ins.	Ins.			Ins.
Brandon Hill ..	8.37	1.57	26	13	..
Iter Boreale ..	..	..	..	..	..
Enfield ..	9.60	6.15	5	7	..
Agualta Vale ..	5.39	3.49	5	10	4.28
Castleton Gardens ..	13.27	3.25	26	11	9.83
Water Valley ..	1.50	0.50	5	7	4.31
Albany ..	4.78	2.42	5	10	4.01
Lawrence Tavern ..	9.97	2.75	5	12	8.23
Wey Hill ..	6.68	1.70	12	13	..
Richmond, St. Mary ..	4.02	1.71	5	6	5.05
Quebec, St. Mary ..	4.77	1.47	5	15	4.50
Above Rocks ..	8.26	2.35	26	13	..
Glengoffe ..	8.53	1.28	26	11	..
Carew Castle ..	7.79	2.00	26	11	10.06
Hampstead, St. Mary ..	4.27	1.45	5	16	4.39
Windsor Castle do. ..	5.30	1.40	23	11	..
Troja ..	4.92	1.77	26	10	..
Pear Tree Grove ..	3.79	1.00	26	7	..
Guy's Hill ..	5.39	2.58	26	14	4.13
Lucky Hill ..	2.82	1.25	26	7	4.66
Rio Hoe ..	4.92	1.14	27	9	5.86
Unity Valley ..	10.28	2.44	5	11	6.60
Moneague ..	6.51	2.40	26	10	6.69
Claremont ..	4.65	1.30	22	6	5.08
Averham Park ..	5.23	1.12	25	11	4.59
Albion ..	4.84	1.50	5	10	6.01
NORTHERN DIVISION (N).					
Port Maria ..	4.42	0.96	4	12	4.94
Wentworth ..	4.03	1.06	5	12	..
Eden Park ..	..	..	..	..	..
Oracabessa ..	5.21	1.10	5	13	..
Huddersfield ..	3.66	1.64	5	3	..
Ocho Rios ..	3.13	1.18	25	9	2.99
Bogue, Ocho Rios ..	2.02	0.85	25	4	4.13
Drax Hall ..	..	..	..	..	3.54
Rockfield ..	2.50	0.95	23	8	4.30
Liberty Hill ..	0.87	0.37	23	4	3.19
St. Ann's Bay ..	1.38	0.40	5	6	3.07
Seville ..	1.24	0.36	23	5	3.48
Richmond Estate ..	1.61	0.46	26	9	3.04
Llandovery ..	..	..	..	..	2.90
Runaway Bay ..	2.00	0.60	23	6	1.88
Knapdale ..	5.77	1.67	16	10	..
Alexandria ..	4.52	0.80	10	10	3.86
Bel-Air ..	4.80	1.20	16	8	..
Brown's Town ..	4.76	1.34	23	11	3.96
Watt Town, St. Ann ..	3.96	1.36	24	4	4.58
Home Castle ..	3.90	2.25	14	8	3.43
Richmond Pen ..	..	..	..	..	5.03
Arcadia ..	3.60	1.20	13	6	3.27
Vale Royal ..	5.07	1.68	23	7	4.58
Harmony Hall ..	2.87	1.00	9	5	2.35
Duncans ..	4.98	2.36	23	7	..
Clark's Town ..	5.26	2.25	23	8	..
Falmouth ..	4.05	2.50	23	5	2.45
The Hague ..	3.56	2.10	23	6	..
Wales ..	3.25	2.10	23	7	..

STATIONS.	August, 1934.					STATIONS.	August, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.					
Adelphi	3.26	1.26	23	7		Mereworth	8.39	3.10	27	13	8.53
Success	1.85	1.05	14	3	2.11	Mandeville	4.38	1.05	24	11	8.54
Rose Hall	2.70	1.40	14	3	2.06	Ulster Spring					8.10
Cinnamon Hill	2.85	1.40	23	3	2.19	Marshall's Pen					
Tryall	2.45	1.45	23	2	5.04	Greenvale	5.41	1.26	5	11	
Running Gut	2.73	1.35	14	3	2.43	Albert Town	5.57	2.70	23	9	9.25
Spring Estate	2.05	1.20	23	2	2.44	Craig Head	6.66	3.18	2	6	
Friendship	8.88	2.52	23	10	5.63	Warsop	6.17	1.34	2	11	
Retirement	8.34	2.60	23	12	6.11	Troy	8.20	2.86	4	8	10.09
Rose Mount	4.94	2.60	24	11		Wallingford	7.12	1.43	25	16	10.33
Montego Bay	7.12	2.72	23	10	5.12	Balaclava	5.03	0.71	27	12	7.97
Anchovy	7.33	2.40	24	16	6.55	Wakefield	5.90	1.90	13	7	
Hopewell	10.34	3.20	14	9		Maggotty	7.90	2.05	24	14	11.21
Bamboo-Hanover	6.59					Lacovia	5.29	1.10	21	11	
Blue Hole	5.65	2.15	13	9	7.20	Ipswich					
Cascade	10.44	1.65	3	20		Kempshot	10.71	2.74	23	13	7.87
Kew	4.75	1.00	14	12	7.82	Garlands					
Lucea	3.99	1.03	14	12	6.29	Mocho, St. James	12.31	1.61	23	21	
Haughton Court	5.76	1.65	17	9	6.65	Bandon Pen	11.48	3.73	23	10	
Kendal	10.31	2.00	14	14		Catadupa	11.70	1.60	11	20	13.41
Cousins Cove	4.41	0.88	13	17		Cambridge, St. James	12.61	1.70	13	17	11.05
Green River	9.72	1.81	5	20		New Market	8.30	1.58	25	12	13.12
Green Island	5.30	1.47	16	16	9.48	Kew Park	9.79	1.92	16	12	12.12
Haughton Hall	4.79	1.05	10	22		Montpelier					6.80
CENTRAL SUB-DIVISION.						The Bog	10.33	2.70	25	19	13.91
Knollis	12.04	5.50	26	12		Bethel Town Dist.	10.38	1.34	11	24	14.10
Highgate	13.99	3.70	26	17		Burnt Ground	7.91	1.90	23	12	11.09
Rio Magno	8.90	3.00	26	12		Haughton Grove	7.33	1.12	23	14	11.30
Riversdale	12.78	3.58	26	14		Darliston	15.72	2.45	16	23	15.00
Headworks, R.C.C.	11.12	6.22	26	7	5.55	Bluefields	10.90	1.73	19	20	11.75
Bog Walk	5.05	2.00	26	7		Whithorn	12.62	2.03	24	20	11.74
Linstead	8.01	5.06	27	12	8.62	Water Works Pen	11.52	2.80	14	20	12.72
Ewarton	10.89	5.56	26	8		Askenish	7.08	1.00	5	14	12.78
Cave Valley	5.33	2.28	27	10	7.42	Grange Hill	11.25	2.67	13	16	13.06
Guanaboa Vale	10.29	4.85	26	10		King's Vale	6.55	1.15	16	13	10.61
Point Hill	15.15	9.35	26	15	10.25	SOUTHERN DIVISION (S.)					
Brown's Hall	15.90	9.00	26	7	7.88	Morant Point L.H.	6.73	2.20	26	17	5.05
Bellas Gate	10.84	9.80	26	5	5.95	Golden Grove	9.08	3.04	26	16	
Rock River	7.10	5.27	26	3		Pleasant Hill	9.67	2.81	26	14	6.87
Crofts Hill	6.83	4.65	26	5	7.71	East Prospect	7.10	2.72	26	15	6.69
Far Enough	5.76	3.06	27	10		Morant Bay	8.70	2.71	5	14	6.43
Suttons	8.52	3.95	27	12		Aeolus Valley					
Colonel's Ridge	10.14	4.26	27	10		Yallahs	7.16	2.63	26	5	
Chapelton	6.69	3.32	27	13	6.31	Easington	11.44	3.30	5	9	6.67
Crooked River	11.14	7.22	27	11		Mavis Bank	8.32	1.77	26	10	
James Hill	8.52	4.74	27	9		Bull Bay	6.71	2.20	25	7	2.54
Frankfield	9.45	4.65	27	11	7.82	Dallas Castle	13.86	6.16	21	9	
WEST-CENTRAL DIVISION (W.C.)						Gordon Town	8.74	2.13	5	9	5.09
Mocho, Clarendon	10.51	3.26	27	9	6.79	Irish Town	8.40	1.80	5	8	5.95
Clarendon Park	9.11	3.85	27	13		Hope Gardens	7.34	1.96	26	10	5.81
Porus	14.67	7.70	27	12		Waireka					
Boro-bridge	7.99	4.15	27	8		Ivor	5.84	1.38	26	12	
Spaldings	9.72	4.65	27	11	7.26	Barbican	8.36	1.55	26	13	
Williamsfield	12.90	5.11	27	14		Plumb Point L. H.	4.78	1.52	5	5	3.47
Brokenhurst	8.52	3.30	27	10	8.16	King's House Gar.	5.70	2.50	26	8	4.90
Shooters Hill	12.79	3.96	27	10	7.38	Cavaliers	4.41	1.51	5	8	
Wait-a-Bit	6.62	3.05	2	9		Upper Kingston	5.06	2.27	26	7	4.83
Christiana	6.55	2.12	27	11	7.03	Kingston P.W.O.	4.98	2.44	26	6	3.60
Clifton Hill	10.60	3.75	5	7	8.46	Constant Spring	8.59	2.03	26	14	
Kendal, Manchester	12.45	4.05	27	15	8.13	Halfway Tree	5.29	2.25	26	9	3.84
						Clifton Pen	6.82	2.45	26	8	3.91
						Red Hills	7.49	2.20	24	9	

STATIONS.	August 1934.					STATIONS.	August, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, <i>contd.</i>	Ins.	Ins.			Ins.	SOUTHERN DIVISION, <i>contd.</i>	Ins.	Ins.			Ins.
Quarantine Station	7.43	3.35	27	6	2.56	Great Valley, Man. ..	..	..	..	..	5.54
Hematine ..	8.28	2.80	26	7	3.66	Alligator Pond ..	1.49	0.74	5	5	4.13
Spanish Town ..	9.69	3.52	26	7	3.87	Fairfield ..	6.11	1.97	5	15	6.16
The Stewartry ..	10.04	5.07	26	7	..	Lititz ..	..	..	..	..	5.32
Cross Pen ..	10.59	3.86	25	8	..	Myersville ..	4.91	1.50	27	7	..
Hog Hole, St. Cath.	11.43	5.80	26	11	4.25	Southfield, St. Eliz. ..	4.26	2.63	5	7	6.29
Old Harbour ..	7.85	4.45	26	7	4.71	Munro ..	..	..	..	..	..
May Pen ..	4.42	2.29	26	8	5.26	Windsor, St. Eliz. ..	5.23	1.06	25	14	..
Glen Muir ..	4.30	2.50	26	4	..	Torrington ..	4.94	1.40	26	6	5.54
Cottage ..	5.78	2.48	26	8	..	Santa Cruz ..	7.68	3.03	25	10	9.25
Belle Plain ..	6.20	1.80	26	8	..	Pedro Plains ..	2.13	1.05	5	7	2.92
Milk River ..	5.25	1.65	26	7	4.26	Mountainside ..	3.42	0.83	5	12	5.38
Retrieve ..	2.77	1.58	27	4	4.06	Fort Charles ..	2.20	0.88	25	4	..
Hog Hole, S. Man.	5.99	3.00	26	5	7.17	Black River ..	3.02	0.59	25	10	6.31
Stone's Hope ..	5.61	1.77	5	8	6.48	Font Hill ..	5.25	1.70	27	8	6.27
Newport, Man. ..	6.51	2.90	27	12	7.35	Mount Edgecombe ..	6.81	1.90	10	16	8.46
						Sweet River ..	8.95	1.95	16	18	9.16
						Sav.-la-Mar ..	6.64	2.91	14	9	7.86
						Little London ..	10.27	3.23	13	14	6.66
						Retreat ..	8.35	1.61	13	15	8.42
						Negril Point L.H. ..	4.39	0.86	8	15	6.50

NOTES.

SHOCKS OF EARTHQUAKE IN AUGUST, 1934.

COMPARATIVE TABLE OF RAINFALL
AND RAINY DAYS.

COMPARATIVE TABLE OF RAINFALL AND RAINY DAYS.					Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
DIVISIONAL AND ISLAND RAINFALL.	August.							
	Rainfall.		Rainy Days.					
	1934.	Ave.	1934.	Ave.				
	Ins.	Ins.						
North-Eastern ..	9.03	7.41	12	11				
Northern ..	5.33	4.89	9	9				
West-Central ..	9.41	10.17	13	15				
Southern ..	6.01	5.27	10	10				
The Island means ..	7.45	6.93	11	11				

N.B. IT IS PARTICULARLY REQUESTED TO SEND ALL RAINFALL POSTCARDS IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND—AUGUST.

The Mean Rainfall for the Island was above the average. The West Central Division was deficient, but the other three Divisions had more than their averages.

The greatest total fall for the month was 31.62 inches at Millbank in the North-eastern Division, and the heaviest fall in 24 hours was 9.35 inches at Point Hill in the Northern Division on the 26th, most of which fell in 4 hours.

The heaviest precipitation occurred during the first and last weeks of the month, particularly on the 5th and 26th.

The mean number of rainy days was 11, which is the average for the month. Bethel Town District in West Central Division had most rainy days—24.

Hail fell at Colonels Ridge on the 10th.

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston ..	4.94	St. James ..	6.67
St. Andrew ..	8.39	Hanover ..	6.93
St. Thomas ..	11.21	Westmoreland ..	9.85
Portland ..	12.26	St. Elizabeth ..	5.11
St. Mary ..	5.32	Manchester ..	8.05
St. Ann ..	4.15	Clarendon ..	7.58
Trelawny ..	4.93	St. Catherine ..	9.61

CITY OF KINGSTON.

The total rainfall for the month of August was 4.98 inches, as against the 60-year normal of 3.60 inches, shewing about 40% above the normal. The greatest fall in 24 hours was 2.44 ins. on 26th. Total number of rainy days was 6, as compared with the 49-year average of 8.8. The upper boundary of Kingston gauged 5.06 ins. with 7 rainy days.

Distant rain was observed to the northward on 9 days, to north-east on 2 days and to northwest on 2 days.

Vivid distant lightning to the north-east on 25th. Distant lightning to the north on 3 nights, to the NE once, to east on 3 nights and to NW on one night. Distant thunderstorm to northward on 6 days, to northeastward once, to eastward 3, to southeast 2; intense thunderstorm to seaward on 8th and 27th, to the SW and NW once each. Moderate local thunderstorm on 5th at 6.15 p.m., on 15th at 12.45 p.m. and on 25th at 12.15 p.m., also on 27th.

The mean barometric pressure was 29.955 ins., the 33-year normal being 29.929 ins., shewing 0.026 inch above the normal. Highest barometer reading 30.012 ins. on 18th at 3 p.m., and the lowest 29.879 ins. on 23rd at 7 a.m., correc. for diur. variation.

The monthly mean temperature, based upon four observations per day was 80.6 degs., and the 33-year normal shews 81.0 degs., or 0.4 deg. below the average. Highest maximum 93.0 degs. on 19th, and the lowest minimum was 69.9 degs. on 22nd. On the other hand, the lowest maximum was 87.3 degs. on 8th, and the highest minimum was 76.1 degs. on 25th. The greatest range of daily temperature was 20.0 degs. on 5th and 17th, and the least range was 9.0 degs. on 26th. The maximum was above 90 degs. on 7 days, and the minimum was below 70 degs. once.

The mean daily miles of wind registered was 192, as compared with the 25-year normal of 193. The greatest number of miles of wind recorded in 24 hours was 281 on 27th, and the least 103 on 31st. South-easterly wind commenced early on 5 occasions, and continued until after 7 p.m. on 12 occasions. South-east rainsqualls on 5th and 27th.

The mean relative humidity was 78%, the 33-year normal being 79%. The mean 7 a.m. was 80% and the mean 3 p.m. 69%. The lowest 7 a.m. humidity was 69% on 17th, and the lowest 3 p.m. was 53% on 19th.

The sky was overcast in the early forenoon on 8 days, and in the afternoon on 19 days. Moderate haze observed throughout the month.

The total evaporation for the month was 6.50 inches, and the 10-year normal gives 7.56 ins. The discrepancy is no doubt owing to the rainfall being in excess.

The mean daily number of sunshine hours was 6.0.

WEATHER DISTURBANCE.

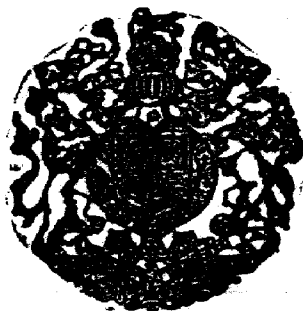
On the 21st August the United States Weather Bureau located an apparently small weather disturbance to the south-east of Porto Rico, with an estimated movement to the westward, but it did not seem to organize after that and apparently dissipated. Otherwise, the Caribbean Region was free of hurricanes, in August.

CAYMAN ISLANDS.

Government House, Georgetown, Grand Cayman.—Total rainfall for August, 1934, was 6.48 inches. Greatest fall in 24 hours 2.00 ins. on the 17th, with 10 rainy days.

J. F. BRENNAN,
Government Meteorologist.

Kingston, September 20th, 1934.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF

SEPTEMBER, 1934.

The Bar. pressure at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screen; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower (L) clouds are for the most part fracto-stratus; the Middle (M) clouds cumulus and the Upper (U) clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure		Temperature.				Extreme Temperature.					
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	ins.	ins.	°	°	°	°	°	°		°		°
Morant Point Light House	8	29.937	29.902	82.1	84.9	87.5	77.5	10.0	89.2	3	70.9	10	18.3
Kingston	24	29.911	29.869	75.7	84.6	88.2	72.9	15.3	90.5	23	70.9	13	19.6
Negril Point Light House	33	29.920	29.884	78.3	84.4	88.6	73.2	15.4	91.3	23	71.4	8	19.9
Castleton Gardens	496			70.2	81.1	87.6	69.2	18.4	90.0	9*	67.0	5	23.0
Hope Gardens†	668	29.957	29.878	73.8	84.1	87.2	70.2	17.0	89.0	3*	69.0	7	20.0
Boon Hall	970												
Hill Gardens	4,900	25.268	25.253	63.8	67.1	69.9	58.6	11.3	75.0	22	57.0	1*	18.0

STATIONS.	Elevation.	Dewpoint and Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
	ft.		°	m.p.h.	°	ins.	Mls.	Dir.		Dir.		L.	M.	U.	L.	M.	U.
Morant Point Light House	8	76	81	77	77	4.26	233	NE	8.5	NE	8.0	0.9	2.6	2.9	1.3	3.6	2.0
Kingston	24	71	85	74	72	2.81	164	N	3.7	SE	13.5	0.9	0.4	2.8	4.5	1.6	1.6
Negril Point Light House	33	73	83	74	72	1.78	171	NE	5.9	Var.	9.2	2.0	0.0	4.7	3.3	4.5	0.8
Castleton Gardens	496	69	95	76	86	12.84	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	69	85	72	67	9.06	..	..	..	..	..	..	..	..	..	..	..
Boon Hall	970	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens	4,900	59	82	64	89	5.87	..	..	..	..	..	..	..	..	..	..	..

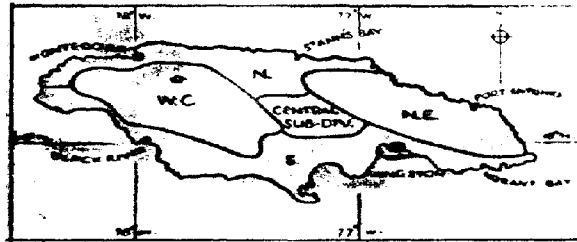
* And on other days. † Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1929." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column; that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Division.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



September, 1934.

STATIONS.	September, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION. (N.E.)					
Manchioneal	12.95	1.31	25	22	9.68
Priestman's River	14.30	2.20	12	17	10.33
Bath	10.91	2.00	30	19	12.17
Barrett's Gap	13.11	1.69	25	16	
Millbank	16.10	2.75	12	16	
Moore Town	17.98	2.30	10	16	14.81
Port Antonio	11.53	2.55	26	23	10.38
Passley Garden	8.92	2.25	26	21	
Fellowship	10.70	1.90	25	11	12.57
Johnson River Br.	8.05	1.58	26	13	10.94
Trinity Ville	9.37	1.70	12	13	
Shrewsbury					9.44
Hope Bay	5.34	0.90	26	17	
Cedar Valley	6.31	1.55	10	16	12.17
Moy Hall	4.84	1.18	10	12	11.42
Paradise	7.17	1.92	8	16	
Lennox	5.87	1.67	8	13	
Greenvale					8.51
Spring Garden	4.86	0.82	9	13	8.57
Hill Gardens	5.87	1.52	12	15	9.42
Buff Bay	5.29	0.70	9	16	5.07
Orange Vale	7.09	2.02	30	9	
Belvedere, Portland	4.25	1.20	30	5	1.19
Windsor Castle, do.	3.12	0.57	12	12	5.48
Balcarres	8.00	3.38	6	13	
Mt. Holstein	11.38	2.67	4	19	10.13
Cedar Hurst	7.50	1.70	6	24	
Hardware Gap	11.87	2.65	7	15	10.70
Rose Hill	20.09	2.76	12	20	13.48
Hermitage	13.64	1.83	6	19	
Mount Airy	22.99	4.43	30	22	
Stony Hill Ind. Sch.	12.38	1.85	5	19	10.05
Boon Hall	13.61	1.94	26	21	

STATIONS.	September, 1934.				
	Total Fall.	Greatest fall in 24 hours.	Days on which 0.01 or more fell.		Average.
	Amount.	Date.			
NORTH-EASTERN DIVISION, contd.					
Brandon Hill	13.41	1.75	30	19	
Iter Boreale					
Enfield	11.24	2.77	30	12	
Agualta Vale	3.58	0.64	29	14	4.94
Castleton Gardens	12.84	3.12	1	20	11.76
Water Valley	4.50	2.00	30	10	4.82
Albany	7.13	1.93	30	13	4.18
Lawrence Tavern	10.24	2.30	5	18	9.87
Wey Hill	6.00	1.30	19	15	
Richmond, St. Mary	10.75	2.92	6	15	6.11
Quebec, St. Mary	6.70	1.86	30	12	4.45
Above Rocks	9.77	1.85	15	15	
Glengoffe	14.35	2.00	4	20	
Carew Castle	5.15	0.84	5	13	11.19
Hampstead, St. Mary	5.70	1.45	2	17	6.24
Windsor Castle do.	4.77	1.05	30	7	
Troja	4.30	1.37	6	11	
Pear Tree Grove	5.66	2.00	30	6	
Guy's Hill	6.51	2.20	30	13	7.37
Lucky Hill	10.87	1.80	30	14	6.14
Rio Hoe	4.09	0.86	6	13	6.36
Unity Valley	8.65	2.74	6	18	8.17
Moneague	6.34	2.54	6	10	7.55
Claremont	4.23	3.85	5	9	6.38
Averham Park	6.16	2.30	6	14	5.60
Albion	6.49	1.50	4	14	7.48
NORTHERN DIVISION (N).					
Port Maria	3.89	0.70	12	16	4.13
Wentworth	3.32	1.06	5	10	
Eden Park					
Oracabessa	2.84	0.78	11	12	
Huddersfield	4.48	1.42	13	4	
Ocho Rios	3.81	1.36	3	10	3.64
Bogue, Ocho Rios	4.11	1.05	24	9	4.51
Drax Hall					3.79
Rockfield	3.97	0.93	6	13	5.21
Liberty Hill	3.26	0.55	30	7	3.90
St. Ann's Bay	3.44	0.89	6	6	3.51
Seville	2.28	0.79	6	7	3.59
Richmond Estate					3.74
Llandovery					3.69
Runaway Bay	3.60	1.50	4	6	2.61
Knapdale	5.85	3.11	6	12	
Alexandria	10.51	4.18	6	13	7.12
Bel-Air	7.20	4.20	6	10	
Brown's Town	3.47	1.32	6	13	5.71
Watt Town, St. Ann	13.52	1.60	6	17	6.89
Home Castle	3.30	2.00	6	11	5.18
Richmond Pen					6.19
Arcadia					4.71
Vale Royal	2.47	0.54	6	12	4.72
Harmony Hall	3.28	1.18	4	7	3.63
Duncans	2.30	0.92	6	3	
Clark's Town	4.94	2.30	29	5	
Falmouth	1.76	0.90	6	4	3.41
The Hague	2.20	0.90	6	6	
Wales	6.15	1.30	6	12	

STATIONS.	September, 1934.					STATIONS.	September, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, <i>contd.</i>						WEST-CENTRAL DIVISION, <i>contd.</i>					
Adelphi	6.59	1.78	25	13	Ins.	Mereworth	4.88	1.03	5	19	10.05
Success	0.83	0.40	25	5	3.55	Mandeville	10.61	2.80	4	12	10.17
Rose Hall	1.02	0.55	6	6	3.46	Ulster Spring	3.62	1.32	10	7	8.90
Cinnamon Hill	0.59	0.25	6	4	3.89	Marshall's Pen	6.94	1.52	6	13	
Tryall	1.75	0.90	6	5	5.12	Greenville	13.01	2.34	25	19	10.87
Running Gut	1.40	0.90	6	5	3.68	Albert Town	8.39	3.95	3	9	
Spring Estate	1.70	0.90	6	6	3.58	Craig Head	9.60	2.10	7	15	
Friendship	6.43	1.45	6	15	8.34	Warsop	9.08	2.18	1	16	13.70
Retirement	6.83	1.52	6	12	9.37	Troy	13.03	3.03	7	18	12.37
Rose Mount	5.63	2.76	6	12		Wallingford	10.77	1.59	4	14	11.00
Montego Bay	7.17	3.64	6	14	6.58	Balaclava	8.64	1.90	4	13	
Anchovy	9.82	1.30	3	17	6.98	Wakefield	12.01	1.85	12	16	11.82
Hopewell	5.81	1.10	6	15		Maggoty	7.25	1.84	4	15	
Bamboo-Hanover	6.14	1.39	3	13		Lacovia	10.66	2.47	25	19	9.10
Blue Hole	7.20	2.88	7	16	10.09	Ipswich	17.43	4.73	6	25	
Cascade	20.18	3.14	6	22		Kempshot	19.62	2.15	30	17	
Kew	11.65	1.20	6	16	8.64	Garland	18.78	2.98	1	35	14.69
Lucea	8.72	1.37	13	17	8.16	Mochos, St. James	20.05	3.45	9	22	12.29
Haughton Court	9.20	2.85	6	12	7.16	Banlon Pen	11.03	3.00	6	15	11.81
Kendal	13.77	2.07	10	20		Catalupa	15.85	3.15	1	20	12.38
Cousins Cove	13.71	2.06	6	19		Cambridge, St. James	10.85	1.29	6	19	12.72
Green River	13.44	2.21	10	18		New Market	18.70	2.56	5	26	15.76
Green Island	11.84	2.06	6	18	10.37	Burnt Ground	14.70	2.20	29	18	13.30
Haughton Hall	10.90	1.70	10	21		Haughton Grove	15.60	3.00	30	19	12.38
CENTRAL SUB-DIVISION.						Darliston	14.83	1.70	12	24	14.56
Knollis	11.01	3.20	1	15		Bluefields	14.52	2.22	3	24	10.83
Highgate	10.49	3.00	1	21		Whithorn	17.87	2.87	12	22	11.20
Rio Magno	8.52	1.55	25	12		Water Works Pen	14.14	1.69	3	26	11.01
Riversdale	19.06	2.60	1	15		Askenish	7.46	3.85	7	14	12.07
Headworks, R.C.C.	5.40	2.67	1	7	6.24	Grange Hill	11.37	1.71	9	20	11.75
Bog Walk	6.70	2.15	1	11		King's Vale	9.78	2.87	6	10	10.85
Linstead	15.28	3.24	15	15	7.48	SOUTHERN DIVISION (S).					
Ewarton	11.95	2.35	25	10		Morant Point L. H.	4.26	0.94	10	17	6.94
Cave Valley	8.61	2.07	4	15	7.87	Golden Grove	6.76	1.53	8	19	
Guanaboa Vale	6.85	2.00	1	7		Pleasant Hill	7.41	1.86	29	17	8.44
Point Hill	8.83	2.93	6	14	10.89	East Prospect	7.07	2.01	8	16	8.37
Brown's Hall	6.80	1.67	16	9	9.81	Morant Bay	6.88	1.58	8	16	8.00
Bellas Gate	5.13	1.65	16	8	5.71	Aeolus Valley	4.36	1.50	8	7	
Rock River	1.99	0.60	6	6		Yallahs	5.95	1.33	10	10	8.18
Crofts Hill	5.95	1.21	10	10	7.67	Easington	4.27	1.37	12	14	
Far Enough	8.36	1.49	12	16		Mavis Bank	1.79	1.12	12	5	4.10
Suttons	5.11	1.09	12	9		Bull Bay	11.42	3.13	5	11	
Colonel's Ridge	6.68	2.31	12	15		Dallas Castle	13.16	3.59	6	11	7.84
Chapelton	7.69	1.80	1	12	7.86	Gordon Town	13.70	3.50	5	16	8.35
Crooked River	13.26	2.16	6	18		Irish Town	9.06	3.90	6	16	6.94
James Hill	9.55	1.52	12	16		Waikaka	9.61	1.72	5	16	
Frankfield	8.63	1.40	25	15	7.17	Ivor	6.46	1.20	12	10	
WEST-CENTRAL DIVISION (W.C.)						Barbican	2.46	1.32	16	7	4.30
Mochos, Clarendon	8.24	1.78	1	16	9.10	King's House Gar.	4.54	1.00	16	10	5.32
Clarendon Park						Cavaliers	4.02	1.57	18	10	
Porus	6.68	1.50	12	16		Upper Kingston	3.50	1.50	18	10	4.33
Borobridge	8.32	2.65	25	10		Kingston P.W.O.	2.81	1.34	18	10	3.87
Spaldings	7.23	2.55	25	12	7.97	Constant Spring	8.37	1.27	5	16	
Williamsfield	5.21	1.47	12	15		Halfway Tree	4.45	0.55	12	11	4.72
Brokenhurst	6.74	0.98	8	17	9.91	Clifton Pen	4.10	2.19	18	8	4.24
Shooters Hill	7.11	2.26	12	12	9.14	Red Hills	7.39	1.26	5	12	
Wait-a-Bit	11.71	2.60	4	10							
Christiana	6.73	2.23	25	17	9.17						
Clifton Hill	5.65	2.00	5	9	11.43						
Kendal, Manchester	5.33	1.22	12	9	9.60						

STATIONS.	September, 1934.					STATIONS.	September, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, <i>contd.</i>	Ins.	Ins.			In.	SOUTHERN DIVISION, <i>contd.</i>	Ins.	Ins.			In.
Quarantine Station ..	1.50	1.15	19	7	2.98	Great Valley, Man. . .					6.60
Hematine ..	2.33	0.73	23	10	4.89	Alligator Pond ..	1.72	1.07	12	3	5.48
Spanish Town ..	2.38	1.03	23	10	4.94	Fairfield ..	4.35	0.90	12	19	7.94
The Stewartry ..	2.63	1.01	16	8	..	Lititz ..					5.58
Cross Pen ..	3.25	1.04	16	8	..	Myersville ..	4.56	1.50	1	9	..
Hog Hole, St. Cath. ..	2.35	0.72	16	8	5.69	Southfield, St. Eliz. . .	1.95	0.94	28	11	7.80
Old Harbour ..	3.45	0.94	28	7	6.01	Munro ..					..
May Pen ..	3.11	1.02	1	13	7.04	Windsor, St. Eliz. . .	5.37	1.05	1	19	..
Glen Muir ..	4.75	2.00	1	6	..	Torrington ..	4.56	1.30	1	9	6.49
Cottage ..	1.22	0.25	26	8	..	Santa Cruz ..	12.78	4.87	1	13	9.66
Belle Plain ..	9.93	4.30	12	9	..	Pedro Plains ..	1.15	0.30	11	6	4.07
Milk River ..	2.90	1.28	11	5	7.27	Mountainside ..	6.82	1.33	6	12	4.66
Retrieve ..	2.22	1.00	12	5	7.42	Fort Charles ..	2.65	0.96	16	5	..
Hog Hole, S. Man ..	6.17	3.15	12	7	9.45	Black River ..	4.26	0.96	1	16	5.43
Stone's Hope ..	4.35	1.34	23	11	8.67	Font Hill ..	7.75	1.35	18	13	6.66
Newport, Man. . .	4.46	1.20	10	15	8.20	Mount Edgecombe ..	4.65	0.87	8	21	8.25
						Sweet River ..	10.00	1.50	29	24	8.11
						Sav.-la-Mar ..	6.95	1.50	28	13	7.08
						Little London ..	8.75	1.62	11	17	9.25
						Retreat ..	3.60	0.60	23	13	7.72
						Negril Point L. H. . .	1.78	0.43	23	12	6.71

NOTES.

SHOCKS OF EARTHQUAKE IN SEPTEMBER, 1934.

COMPARATIVE TABLE OF RAINFALL AND RAINY DAYS.					Date.	Standard Time (Approx.)	Intensity.	Notes, where, etc.
DIVISIONAL AND ISLAND RAINFALL.	September.				29th	7. 25 a.m.	I	Kingston Rosemount Haughton Hall Colonel's Ridge Mount Edgecombe Sav.-la-Mar Retreat Negil Pt. Light- house.
	Rainfall.		Rainy Days.					
	1934.	Ave.	1934.	Ave.				
	Ins.	Ins.						
North-Eastern	8. 58	8. 48	15	13				
Northern	5. 85	5. 89	12	10				
West-Central	11. 30	10. 99	17	16				
Southern	5. 06	6. 42	11	11				
The Island means	7. 70	7. 94	14	13				

N.B. IT IS PARTICULARLY REQUESTED TO SEND ALL RAINFALL POSTCARDS IN NOT LATER THAN THE 6TH OF EACH MONTH.

THE ISLAND—SEPTEMBER.

The mean rainfall for the Island was slightly under the average. The North-Eastern and West-Central Divisions were in excess and the Northern and Southern Divisions were deficient.

The greatest total fall for the month was 22.99 inches at Mount Airy in the North-Eastern Division and the heaviest fall in 24 hours was 4.87 inches at Santa Cruz in the Southern Division on the 1st.

The heaviest precipitation appears to have occurred during the first fortnight, particularly on the 1st, 6th and 12th, but the rainfall generally was well distributed, the mean number of rainy days being 14—1 more than the average for the month. The greatest number was 26 at Bethel Town District and Water Works Pen, both in the West-Central Division.

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston	2.92	St. James	7.43
St. Andrew	10.17	Hanover	11.22
St. Thomas	7.54	Westmoreland	11.01
Portland	9.02	St. Elizabeth	7.06
St. Mary	6.57	Manchester	5.13
St. Ann	5.82	Clarendon	6.74
Trelawny	7.14	St. Catherine	7.08

The total rainfall for the Island for the nine months is given below and shews an excess of 5.31 inches over the 60-year average.

	1934.	60-year Average.
January	4.76	4.00
February	9.03	3.13
March	4.20	3.35
April	6.65	4.77
May	7.26	8.77
June	3.57	6.53
July	4.86	4.75
August	7.45	6.93
September	7.70	7.94
	55.48	50.17

CITY OF KINGSTON.

The total rainfall for the month of September was 2.81 inches, as against the 60-year normal of 3.87 ins. shewing a deficiency of 1.06 inch. The greatest fall in 24 hours was 1.34 inch on 18th. The total number of rainy days was 10 as compared with the 49-year average of 9.5 days. The upper boundary of Kingston gauged 3.50 ins. with 10 rainy days.

Distant rain was observed to northward on 13 days, to north-eastward on 3, to south-eastward on one day, to the westward and north-westward on 4 days each.

Distant lightning at night to northward, NE, SE, west and north-westward on many occasions. Distant thunderstorm to northward on 8th, 11th, 12th, 15th, 16th, 23rd, 24th, 25th and 30th, to the north-east on 9th and 17th, to east on 9th and 17th, to the south-east on 8th, to southwest on 11th, to the westward on 23rd, to north-west on 1st, 3rd and 27th. Moderate local thunderstorm on 3rd, 6th, 10th, 18th and 24th.

The mean barometric pressure was 29.902 ins., the normal being 29.889 ins., shewing 0.013 inch above the normal. The highest barometer reading was 29.976 ins. on 10th at 3 p.m., and the lowest 29.852 ins. on 21st at 3 p.m., correc. for diur. variation.

The mean monthly temperature, based upon four observations per day, was 79.8 degs., and the 33-year normal shews 80.6 degs. or 0.8 deg. below the normal. Highest maximum temperature 90.5 degs. on 23rd, and the lowest minimum 70.9 degs. on 19th. On the other hand the lowest maximum was 85.3 degs. on 26th, and the highest minimum 76.1 degs. on 1st. The greatest range of temperature was 17.9 degs. on 11th, and the least range 11.1 degs. on 24th. The maximum was above 90 degs. once, and the minimum was above 70 degs. throughout.

The mean daily miles of wind registered was 164, as compared with the 25-year normal of 169, shewing about 3% below the normal. The greatest number of miles of wind recorded in 24 hours was 231 on the 9th, 14th and 22nd, and the least was 109 on 16th. South-easterly squalls occurred on 8th, 9th and 10th. A NE squall was observed on the afternoon of the 12th, blowing 22 miles per hour of short duration. South-easterly wind commenced early on one occasion and continued until after 7 p.m. on 9 occasions.

The mean relative humidity was 82%, which corresponds with the 33-year normal. The mean 7 a.m. was 85%, and the mean 3 p.m. was 72%. The lowest 7 a.m. was 78% on 8th and 10th, and the lowest 3 p.m. was 58% on 8th and 9th.

The sky was overcast during the early morning on 9 days, and in the afternoon on 20 days.

Total evaporation for September 4.43 ins., and the 10-year normal gives 5.12 ins.

Mean daily number of sunshine hours 5.4.

A partial lunar halo was observed in the evening of the 20th.

A slight earthquake was felt on 9th at 8.40 a.m.

WEATHER DISTURBANCES.

On the 18th September, the U.S.W.B. reported a small tropical disturbance of a distance of about 75 miles to the north of Saint Martin's, Leeward Islands, apparently moving north-westward, but this apparent disturbance did not seem to organize. The Caribbean was therefore free of any weather disturbances during September.

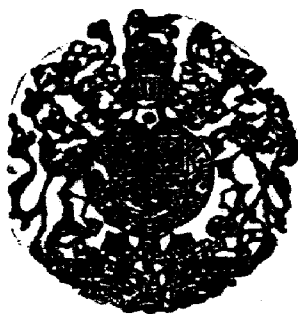
CAYMAN ISLANDS.

Government House, Georgetown, Grand Cayman.—Total rainfall for September, 1934, was 3.57 inches. The greatest fall in 24 hours was 1.93 in. on the 13th with 9 rainy days.

J. F. BRENNAN,
Government Meteorologist.

Kingston,
20th October, 1934.

No. 697.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF
OCTOBER, 1934.

The Bar. pressure at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screen; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower (L) clouds are for the most part fracto-stratus; the Middle (M) clouds cumulus and the Upper (U) clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure		Temperature.				Extreme Temperature.			
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.
	ft.	ins.	ins.	°	°	°	°	°	°	°	°
Morant Point Light House	8	29.917	29.879	79.6	83.5	85.9	75.2	10.7	88.5	16	71.1
Kingston	24	29.893	29.845	74.7	84.0	87.3	72.5	14.8	92.2	30	68.9
Negril Point Light House	33	29.903	29.855	77.4	84.4	87.7	73.5	14.2	90.4	10	70.5
Castleton Gardens	496			69.6	79.8	84.8	68.6	16.2	89.0	23	66.0
Hope Gardens†	668	29.946	29.858	73.7	82.9	86.8	70.5	16.3	92.0	12	69.0
Boon Hall	970	29.895	29.847	69.3	79.4	85.6	66.8	18.8	90.0	16	63.5
Hill Gardens	4,900	25.244	25.234	63.7	65.3	68.0	56.8	11.2	70.0	10*	55.0

STATIONS.	Elevation.	Dewpoint and Rel. Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.	3 p.m.					7 a.m.	3 p.m.			7 a.m.	3 p.m.				
	ft.	°	%	°	%	ins.	Mls.	Dir.	m.p.h.	Dir.	m.p.h.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	75	85	75	77	5.79	167	NE	7.0	ENE	6.0	1.8	2.5	2.2	1.6	3.0	2.0
Kingston	24	70	87	74	73	3.72	139	N	4.4	SE	11.2	1.8	0.5	2.8	4.4	1.0	1.6
Negril Point Light House	33	72	84	74	72	4.43	190	ENE	8.0	Var.	9.0	1.3	1.2	4.8	2.6	4.3	1.5
Castleton Gardens	496	69	95	76	87	12.12	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	69	85	72	70	9.80	..	..	..	..	..	..	..	..	..	..	..
Boon Hall	970	63	95	74	75	11.41	..	NE	1.6	SSE	4.2	0.9	0.3	2.9	3.6	2.3	2.7
Hill Gardens	4,900	61	89	62	89	14.78	..	..	..	..	..	..	..	..	..	..	..

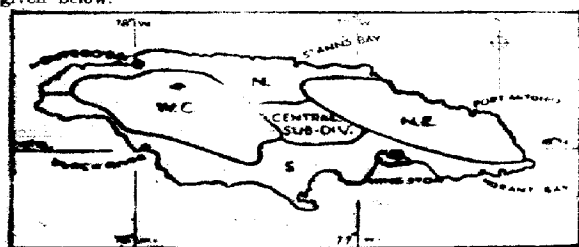
* And on other days. † Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1929." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Division.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



October, 1934.

STATIONS.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION. (N.E.)					
Manchioneal	12.53	2.15	6	20	16.40
Priestman's River	13.20	3.50	29	12	13.31
Bath	16.61	4.60	18	17	16.43
Barrett's Gap	17.06	4.65	18	14	
Millbank	12.77	3.11	18	19	
Moore Town	13.64	4.50	18	13	18.47
Port Antonio	11.93	3.00	18	19	14.24
Passley Garden	9.32	3.01	18	19	
Fellowship	10.36	2.63	18	10	15.96
Johnson River Br.	8.99	4.38	19	14	13.59
Trinity Ville	10.56	3.30	19	16	
Fruitful Vale	1.40	0.47	31	7	
Hope Bay	6.80	1.66	31	14	
Cedar Valley	12.78	3.21	19	17	13.94
Moy Hall	13.66	2.35	17	17	19.41
Paradise	4.81	1.20	5	11	
Lennox	7.53	3.34	17	11	
Greenvale	8.09	2.22	4	13	10.97
Spring Garden	5.63	3.00	17	9	6.13
Hill Gardens	14.78	3.00	19	19	16.21
Buff Bay	6.25	2.65	17	11	9.27
Orange Vale	7.95	2.19	17	7	
Belvedere, Portland	5.89	3.40	17	5	6.55
Windsor Castle, do.	3.21	1.35	31	5	7.38
Balcarres	6.00	1.17	4	17	
Mt. Holstein	11.09	2.97	15	17	12.54
Cedar Hurst	14.48	2.72	14	19	
Hardware Gap	15.01	3.35	2	18	14.72
Rose Hill	11.90	2.07	1	23	15.84
Hermitage	10.33	1.37	1	22	
Mount Airy	11.62	2.57	18	19	
Stony Hill Ind. Sch.	12.44	2.15	14	16	14.06
Boon Hall	11.41	1.61	1	23	

October, 1934.

STATIONS.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN					
DIVISION, <i>contd.</i>	Ins.	Ins.			Ins.
Brandon Hill	15.63	2.23	1	19	
Iter Boreale					
Enfield	6.38	2.77	15	6	
Agualta Vale	1.53	0.65	31	8	6.26
Castleton Gardens	12.12	2.60	29	18	14.36
Water Valley	1.72	0.40	15	7	7.27
Albany	3.08	0.78	16	11	7.44
Lawrence Tavern	12.24	1.97	2	17	11.90
Wey Hill	10.21	2.66	2	15	
Richmond, St. Mary	9.34	2.67	15	11	8.14
Quebec, St. Mary	4.25	2.80	4	7	9.33
Above Rocks	10.13	1.94	17	14	
Glengoffe	9.33	1.93	2	14	
Carew Castle	9.44	1.11	27	20	12.61
Hampstead, St. Mary	4.97	1.54	4	15	7.88
Windsor Castle do.	8.91	3.00	4	13	
Troja	9.42	3.15	2	13	
Pear Tree Grove	7.09	2.20	4	8	
Guy's Hill	6.92	1.55	2	16	7.27
Lucky Hill	4.69	0.75	15	13	8.26
Rio Hoe	6.80	1.64	4	17	8.68
Unity Valley	9.60	2.70	15	20	8.94
Moneague	6.60	1.36	4	13	8.97
Claremont	6.80	1.75	4	6	8.18
Averham Park	6.99	1.88	2	10	10.52
Albion	8.13	1.90	4	19	8.89
NORTHERN					
DIVISION (N).					
Port Maria	4.59	1.35	4	14	8.26
Wentworth	5.63	1.10	1	14	
Eden Park					
Oracabessa	5.41	1.40	4	14	
Huddersfield	2.90	1.40	28	3	
Ocho Rios	2.39	0.61	27	9	5.56
Bogue, Ocho Rios	4.34	1.38	22	7	6.18
Drax Hall					7.04
Rockfield	4.01	0.84	22	14	6.40
Liberty Hill	3.42	0.98	27	6	5.93
St. Ann's Bay	5.63	2.46	27	8	6.62
Seville	4.05	1.70	27	5	6.69
Richmond Estate	4.63	2.24	4	8	6.94
Llandoverly					6.91
Runaway Bay	2.70	2.50	27	2	3.07
Knapdale	3.70	0.67	1	18	
Alexandria	8.05	2.72	1	19	7.96
Bel-Air	4.50	3.15	27	6	
Brown's Town	8.16	1.67	1	15	8.32
Watt Town, St. Ann	9.79	2.22	5	14	8.33
Home Castle	6.85	2.50	26	10	6.51
Richmond Pen					7.56
Arcadia	4.26	1.83	26	12	6.15
Vale Royal	3.65	0.76	7	12	6.50
Harmony Hall	3.46	1.84	27	6	5.18
Duncans	2.89	0.80	3	6	
Clark's Town	6.56	1.70	2	10	
Falmouth	5.26	1.50	4	8	5.54
The Hague	6.70	1.50	3	12	
Wales	3.70	0.70	5	11	

STATIONS.	October, 1934.					STATIONS.	October, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, <i>contd.</i>						WEST-CENTRAL DIVISION, <i>contd.</i>					
Adelphi	5.48	1.21	5	15	Ins.	Mereworth	11.76	3.70	2	15	Ins.
Succoss	3.98	0.60	17	11	5.98	Mandeville	8.11	2.12	2	20	14.86
Rose Hall	3.34	0.95	17	13	6.24	Ulster Spring	14.15	2.60	4	18	11.90
Cinnamon Hill	3.12	0.75	17	13	6.66	Marshall's Pen					12.02
Tryall	4.00	1.60	3	11	6.01	Greenvale	6.55	1.30	24	16	
Bunning Gut	5.22	1.05	17	12	5.52	Albert Town	9.41	1.13	3	19	11.79
Spring Estate	5.70	1.90	3	11	6.33	Craig Head	9.66	3.55	1	9	
Friendship	10.38	3.10	5	16	10.16	Warsop	21.63	1.91	2	19	
Retirement	10.27	2.50	5	16	9.63	Troy	19.38	3.22	4	18	15.46
Rose Mount	6.52	1.68	2	12		Wallingford	19.00	2.02	2	24	13.54
Montego Bay	7.81	1.70	2	13	7.53	Balaclava	15.41	1.97	9	16	12.22
Anchovy	6.33	2.06	2	17	6.96	Wakefield	6.34	1.90	4	8	
Hopewell	14.02	2.20	17	17		Maggotty	14.47	3.37	1	19	13.85
Bamboo-Hanover	10.82	1.60	16	16		Lacovia	11.56	2.75	24	12	
Blue Hole	10.87	3.07	7	14	10.44	Ipswich					
Cascade	11.66	2.22	6	19		Kempshot	8.05	2.19	2	21	9.67
Kew	11.70	2.20	5	14	7.99	Garlands					
Lucca	13.14	3.11	17	18	8.12	Mocha, St. James	21.51	3.10	5	22	
Haughton Court					7.18	Ranton Pen	12.75	2.88	2	17	
Kenial	13.07	1.75	4	22		Catadupa	19.11	2.15	13	24	14.00
Cousins Cove	10.25	2.50	17	19		Cambridge, St. James	13.05	1.90	2	24	12.42
Green River	13.62	2.54	5	18		New Market	10.13	2.53	1	16	13.14
Green Island	9.87	1.70	5	20	8.61	Kew Park	16.32	2.84	11	23	12.03
Haughton Hall	8.10	2.26	5	18		Montpelier					9.68
CENTRAL SUB-DIVISION.						The Bog	12.12	3.07	24	20	13.75
Knollis	9.20	2.71	15	22		Bethel Town Dist.	14.81	2.08	11	28	16.37
Highgate	11.09	2.00	24	22		Burnt Ground	8.03	1.16	4	16	12.28
Rio Magno	7.99	2.25	28	17		Haughton Grove	5.39	1.10	16	14	11.67
Riverside	8.24	1.72	7	17		Darliston	16.29	1.45	18	24	14.89
Headworks, R.C.C.	7.82	1.70	24	15	9.03	Bluefields	5.91	1.13	27	21	10.89
Bog Walk	7.55	1.35	15	26		Whithorn	16.22	2.34	27	26	12.70
Linstead	10.25	1.51	15	23	9.46	Water Works Pen	11.05	1.96	30	21	11.31
Ewarton	9.05	2.18	7	17		Askenish	15.57	3.30	2	20	14.36
Cave Valley	4.02	0.40	15	18	9.81	Grange Hill	9.60	1.56	3	21	12.85
Guanaboa Vale	11.37	4.63	1	11		King's Vale					9.27
Point Hill	14.08	3.05	5	20	14.43	SOUTHERN DIVISION (S).					
Brown's Hall	12.18	2.59	1	15	12.12	Morant Point L. H.	5.79	1.10	19	14	11.35
Bellas Gate	10.05	2.50	1	15	11.55	Golden Grove	9.48	2.96	19	18	
Rock River	7.83	2.70	2	16		Pleasant Hill	10.60	2.23	19	16	11.37
Crofts Hill	11.01	2.39	1	19	10.10	East Prospect	8.76	2.56	18	13	11.83
Far Enough	12.30	2.37	2	23		Morant Bay	8.88	3.22	19	16	12.12
Suttons	12.38	5.85	1	18		Aechus Valley					
Colonel's Ridge	13.84	2.67	27	17		Yallahs	7.71	3.00	19	6	
Chapelton	8.92	2.35	1	19	12.13	Easington	6.92	2.80	19	12	11.41
Crooked River	12.19	1.78	9	20		Mavis Bank	15.35	3.15	1	19	
James Hill	9.89	1.63	4	14		Bull Bay	5.12	1.74	18	5	7.33
Frankfield	10.37	1.50	1	17	11.27	Dallas Castle	12.31	3.18	18	14	
WEST-CENTRAL DIVISION (W.C.)						Gordon Town	10.43	1.71	19	15	12.24
Mocha, Clarendon	10.67	1.50	2	16	13.81	Irish Town	8.13	2.01	19	15	10.54
Clarendon Park	4.44	1.50	9	16		Hope Gardens	9.80	2.57	11	17	9.68
Porus	8.13	1.21	5	17		Waireka					
Boro-bridge	10.20	2.82	2	11		Ivor	7.81	1.66	1	20	
Spakings	9.66	2.23	4	17	13.65	Barbican	6.63	2.00	11	14	
Williamsfield	12.95	2.05	6	19		Plumb Point L. H.	4.67	2.00	18	6	7.15
Brokenhurst	7.24	1.56	24	15	13.95	King's House Gar.	5.15	2.23	18	11	8.55
Shooters Hill	10.33	1.55	23	16	12.08	Cavaliers	6.24	1.70	18	11	
Wait-a-Bit	15.91	3.10	1	24		Upper Kingston	5.37	1.45	18	12	6.22
Christiana	9.79	2.13	12	22	10.97	Kingston P.W.O.	3.72	1.49	18	11	7.10
Clifton Hill	11.62	2.52	6	13	15.41	Constant Spring	11.55	2.04	1	20	
Kenial, Manchester	10.41	1.31	23	19	13.65	Halfway Tree	5.33	1.79	18	12	8.05
						Clifton Pen	5.34	1.89	18	11	6.56
						Red Hills	11.18	1.54	12	13	

STATIONS.	October, 1934.					STATIONS.	October, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, <i>contd.</i>	Ins.	Ins.			In.	SOUTHERN DIVISION, <i>contd.</i>	Ins.	Ins.			In.
Quarantine Station	5.30	1.35	19	11	5.34	Great Valley, Man.					10.15
Hematine	5.22	1.72	1	13	6.86	Alligator Pond	3.85	1.08	10	14	7.49
Spanish Town	5.27	1.63	1	14	8.34	Fairfield	10.18	2.87	2	23	10.33
The Stewartry	8.74	2.12	1	15		Lititz					7.35
Cross Pen	7.28	1.80	1	12		Myersville	5.08	2.30	2	10	
Hog Hole, St. Cath.	8.80	2.46	1	16	8.94	Southfield, St. Eliz.	6.45	1.09	19	11	8.25
Old Harbour	9.66	2.85	5	12	9.50	Munro	4.63	1.61	2	17	
May Pen	9.10	2.80	2	16	9.90	Windsor, St. Eliz.	6.75	1.13	24	21	
Glen Muir	10.55	4.00	4	9		Torrington	4.10	1.00	1	10	10.09
Cottage	4.57	0.98	2	12		Santa Cruz	12.87	2.05	30	13	11.93
Belle Plain	15.77	2.07	2	16		Pedro Plains	1.30	0.36	1	8	5.44
Milk River	5.31	1.25	31	14	8.20	Mountainside	5.00	0.87	28	12	7.87
Retrieve	6.57	1.30	17	9	9.44	Fort Charles	1.15	1.00	1	4	
Hog Hole, S. Man	12.03	2.82	1	13	12.69	Black River	7.05	1.83	1	16	8.06
Stone's Hope	5.44	0.72	5	13	12.14	Font Hill	6.30	1.70	30	11	8.81
Newport, Man.	7.32	1.45	17	14	11.79	Mount Edgecombe	9.44	1.63	24	18	9.80
						Sweet River	4.68	0.78	28	16	9.94
						Sav.-la-Mar	3.78	1.38	20	14	8.87
						Little London	6.35	1.81	4	16	10.50
						Retreat	6.30	1.80	5	13	10.10
						Negril Point L. H.	4.43	0.90	18	15	8.21

NOTES.

SHOCKS OF EARTHQUAKE IN OCTOBER, 1934.

COMPARATIVE TABLE OF RAINFALL
AND RAINY DAYS.

COMPARATIVE TABLE OF RAINFALL AND RAINY DAYS.					Date.	Standard Time (Approx.)	Intensity.	Notes, where, etc.
DIVISIONAL AND ISLAND RAINFALL.	October.				25th	2.30 a.m.	I	Barbican Kingston
	Rainfall.		Rainy Days.					
	1934.	Ave.	1934.	Ave.				
	Ins.	Ins.						
North-Eastern	9.07	11.72	14	15				
Northern	7.04	7.57	15	12				
West-Central	12.12	12.31	19	17				
Southern	6.73	9.24	13	13				
The Island means	8.74	10.21	15	14				

N.B.—IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POSTCARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND—OCTOBER.

The mean rainfall for the month was somewhat below the average in all Divisions.

The greatest total fall for the month was 21.63 inches at Warsop in the West-Central Division and the heaviest fall in 24 hours was 5.85 inches at Suttons in the Central Sub-Division on the 1st.

The heaviest precipitation appears to have occurred during the first week and particularly on the 1st and 2nd, but the rainfall generally was well distributed, as the mean number of rainy days was 15—one more than the average for the month. Bethel Town District in the West-Central Division had the most rainy days, 28.

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston	4.59	St. James	8.62
St. Andrew	10.37	Hanover	11.17
St. Thomas	10.60	Westmoreland	9.81
Portland	9.03	St. Elizabeth	8.44
St. Mary	5.72	Manchester	8.89
St. Ann	5.77	Clarendon	9.93
Trelawny	10.23	St. Catherine	8.81

CITY OF KINGSTON.

The total rainfall for the month of October was 3.72 inches, as compared with the 60-year normal of 7.11 inches, or, representing about one-half of the normal. The greatest fall in 24 hours was 1.49 inch on the 18th. The total number of rainy days was 11, as compared with the 49-year normal of 12. The upper boundary of Kingston gauged 5.37 ins., with 10 rainy days.

Distant rain was observed to northward, or on the Liguanea Plains, almost daily, to the north-east on four days, to the eastward on three days and to the westward and north-westward on two days, each.

Distant lightning seen at nights to northward on many occasions, to north-eastward and to westward twice each.

Distant thunderstorm to northward on 1st, 2nd, 3rd, 4th, 7th, 15th, 16th, 17th, 27th, 28th and 31st, to north-east on 14th and 31st, to the eastward on 6th. Moderate local thunderstorm on 11th and 12th, in the after-noon.

The mean barometric pressure was 29.882 ins., the 33-year normal being 29.866 ins., or, 0.016 inch above the normal. Highest barometer reading 29.984 ins. on 31st at 7 a.m., and the lowest, 29.735 ins. on the 19th at 10 p.m., corree. for diur. variation. This low pressure was due to the existence of a small weather disturbance to the south-westward of Negril.

The monthly mean temperature, based upon four observations per day, was 79.1 degs., and the 33-year normal shews 79.4 degs., or, 0.3. deg. below the average. Highest maximum 92.2 degs., on 30th, and the lowest minimum 68.9 degs. on 19th. On the other hand the lowest maximum was 80.2 degs. on 18th, and the highest minimum 75.2 degs. on the 7th. The greatest range of daily temperature was 21.3 degs. on 30th, and the least range 6.9 degs. on 18th, owing to a rainy day. The maximum was above 90 degs. on two days, and the minimum was below 70 degs. twice.

The mean daily miles of wind registered was 139, as compared with the 25-year normal of 155; shewing about 10% below normal. The greatest number of miles of wind recorded in 24 hours was 220 on the 6th, and the least was 92 on the 4th. South-easterly wind continued until after 7 p.m. on seven occasions. Moderate SE squalls on the 6th and 29th. Fresh south-easterly wind, of short duration, at 3 a.m. on 20th.

The mean relative humidity was 83%; the 33-year normal being 84%. The mean 7 a.m. was 87%, and the mean 3 p.m. 73%. The lowest 7 a.m. humidity was 76% on the 30th, and the lowest 3 p.m. 56%, also on the 30th.

The sky was overcast in the early morning on 12 occasions, and in the afternoon on 21.

The total evaporation for October was 4.14 ins., and the 10-year normal shews 4.05 ins.

The mean daily number of sunshine hours was 5.3.

A Lunar Halo was observed on the 22nd at 9.30 p.m.

An exceptionally brilliant meteor passed over this Island on the 8th October at about 9.10 p.m., moving from a north-easterly to south-westerly direction. It was estimated to have travelled across in about 5 seconds, but it left a wide luminous trail along its path, of a duration of about 15 minutes, then fading away into a somewhat sinuous band of light, owing possibly to the very high upper air currents. It was visible at a number of places widely apart in this Island.

A slight earthquake occurred on the 25th at 2.30 a.m. Direction NE. to SW, horizontal movement 0.02 inch.

WEATHER DISTURBANCE.

On the 19th October, the United States Weather Bureau issued an advisory notice that there was some evidence of the development of a tropical disturbance a short distance to the westward of Jamaica. On the 20th it was, instead, located to the south-west of Jamaica, but no strong winds were reported. Barometric pressure was below normal over Jamaica. At Negril Point on the 19th at 6 p.m. the pressure fell to 29.744 ins. or 0.122 inch below the normal. The wind at Negril on 19th at about 3 p.m. was north-west at 8 miles per hour, and changed on the 20th at 11 a.m. to south-west 10 miles per hour, and a further shift on the 20th at 3 p.m. to west, at 15 m.p.h., with increasing barometric pressure. This disturbance appears to have been confined to a small area, and may be described as a very limited depression, which was not further identified after the 21st. Many places experienced moderate rains. Otherwise, it may be stated that the Caribbean Sea was notably free of any tropical storms in the month of October.

CAYMAN ISLANDS.

Government House, Georgetown, Grand Cayman.—Total rainfall for the month of October, 1934 was 10.14 inches. Greatest fall in 24 hours 2.18 ins. on the 1st with 13 rainy days.

Kingston, November 20th, 1934.

J. F. BRENNAN,
Government Meteorologist.



JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

NOVEMBER, 1934.

The Bar. pressure at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screen; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower (L) clouds are for the most part fracto-stratus; the Middle (M) clouds cumulus and the Upper (U) clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure		Temperature.				Extreme Temperature.					
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	ins.	ins.	°	°	°	°	°	°		°		°
Morant Point Light House	8	29.911	29.879	79.3	82.0	84.1	74.6	9.5	87.0	5	68.0	28	19.0
Kingston	24	29.886	29.833	72.1	83.4	86.1	70.4	15.7	89.6	9	65.8	26	23.8
Negril Point Light House	33	29.905	29.859	73.8	83.1	86.5	71.4	15.1	90.6	9	65.1	26	25.5
Castleton Gardens	496			69.5	78.7	81.5	68.5	13.0	87.0	5	65.0	7	22.0
Hope Gardens†	668	29.931	29.842	71.6	81.2	84.9	69.1	15.8	89.0	30	67.0	26*	22.0
Boon Hall	970	29.886	29.824	67.4	79.7	84.1	65.0	19.1	87.0	5*	58.5	24	28.5
Hill Gardens	4,900	25.229	25.211	62.2	63.7	67.2	55.5	11.7	70.0	8	51.0	27	19.0

STATIONS.	Elevation.	Dewpoint and Rel. Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.	3 p.m.					7 a.m.	3 p.m.			7 a.m.	3 p.m.				
	ft.	°	%	°	%	ins.	Mls.	Dir.	m.p.h.	Dir.	m.p.h.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	72	79	75	77	16.61	288	NE	11.0	NE	10.5	2.9	2.1	1.0	2.5	2.9	1.3
Kingston	24	68	86	72	69	4.06	142	N	4.7	SE	8.1	1.9	1.1	1.3	3.9	2.0	0.5
Negril Point Light House	33	69	86	71	67	2.13	237	NE	7.6	NNE	11.7	2.4	0.3	3.9	2.2	3.0	1.2
Castleton Gardens	496	69	95	75	89	55.41	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	67	85	72	75	11.60	..	..	..	..	..	..	..	..	..	..	..
Boon Hall	970	65	95	70	75	17.09	..	NE	1.9	W	4.4	2.7	0.3	1.2	4.0	2.7	0.8
Hill Gardens	4,900	58	85	62	92	26.90	..	..	..	..	..	..	..	..	..	..	..

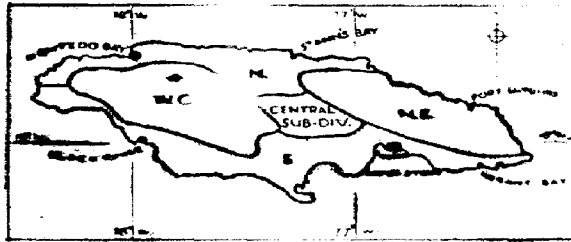
* And on other days. † Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1929." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last columns that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Division.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



November, 1934.

STATIONS.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION. (N.E.)					
Manchioneal	19.39	6.10	16	24	11.25
Priestman's River	10.90	3.36	16	8	11.66
Bath	26.44	8.10	16	18	14.24
Barrett's Gap	36.44	11.20	16	18	
Millbank	46.55	10.12	16	14	
Moore Town	31.11	8.80	16	16	33.29
Port Antonio	14.55	2.75	16	23	16.98
Passley Garden	11.81	2.01	13	19	
Fellowship	22.89	7.90	16	13	25.41
Johnson River Br.	18.55	7.50	16	12	8.91
Trinity Ville	14.63	5.68	16	13	
Fruitful Vale	44.00	12.50	16	21	
Hope Bay	16.34	3.24	13	24	
Cedar Valley	16.32	5.60	16	12	12.08
Moy Hall	21.14	7.17	16	16	17.45
Paradise	34.99	7.03	16	21	
Lennox	18.90	3.21	13	16	
Greenvale	47.59	10.70	16	17	33.76
Spring Garden	13.32	3.05	14	16	13.01
Hill Gardens	26.90	5.03	16	17	15.57
Buff Bay	14.85	2.80	13	15	15.92
Orange Vale	39.59	9.56	17	13	
Belvedere, Portland	17.51	4.84	13	9	15.52
Windsor Castle, do.	14.02	5.63	13	13	15.45
Balcarras	64.53	16.12	17	16	
Mt. Holstein	55.71	17.64	17	18	30.39
Cedar Hurst	45.50	12.14	16	23	
Hardware Gap	36.90	9.85	18	20	16.76
Rose Hill	6.98	1.29	13	13	15.38
Hermitage	17.63	4.75	17	14	
Mount Airy	40.93	41.38	17	22	
Stony Hill Ind. Sch.	15.23	4.82	17	18	8.19
Boon Hall	17.09	5.05	20	23	

STATIONS.	November, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
	Ins.	Ins.			Ins.
NORTH-EASTERN DIVISION, contd.					
Brandon Hill	28.41	8.50	16	19	
Iter Borcalle					
Enfield	29.49	8.16	17	14	
Agualta Vale	13.04	5.30	13	15	11.68
Castleton Gardens	55.41	16.80	17	17	16.40
Water Valley	7.55	2.13	13	11	10.84
Albany	10.48	2.73	13	14	11.16
Lawrence Tavern	21.29	9.00	17	11	9.69
Wey Hill	23.22	7.28	17	15	
Richmond, St. Mary	16.52	5.36	17	12	12.12
Quebec, St. Mary	8.47	2.19	13	13	9.79
Above Rocks	15.50	6.40	17	11	
Glengoffe	19.87	8.18	17	7	
Carew Castle	17.58	8.17	17	11	10.69
Hampstead, St. Mary	14.47	4.00	17	16	16.24
Windsor Castle do.	23.90	7.10	17	17	
Troja	20.16	7.60	17	14	
Pear Tree Grove	19.01	8.17	17	8	
Guy's Hill	24.12	7.52	17	16	10.74
Lucky Hill	16.85	3.85	17	18	14.78
Rio Hoe	20.36	7.70	17	15	10.78
Unity Valley	21.03	6.35	17	17	10.35
Moneague	19.25	5.55	17	16	11.84
Claremont	18.13	5.20	17	12	11.99
Averham Park	18.23	6.00	17	16	13.38
Albion	17.81	5.34	17	17	10.62
NORTHERN DIVISION (N).					
Port Maria	8.90	1.05	12	22	11.92
Wentworth	7.58	1.50	6	19	
Eden Park					
Orinabessa	11.18	3.10	12	19	
Huddersfield	9.17	2.05	13	7	
Ocho Rios	7.61	1.87	17	17	9.50
Bogue, Ocho Rios	8.80	1.95	17	15	11.60
Drax Hall					10.15
Rockfield	14.29	3.45	17	21	15.09
Liberty Hill	5.18	1.45	29	8	11.06
St. Ann's Bay	8.23	1.60	9	13	9.58
Seville					10.18
Richmond Estate	5.31	1.30	12	18	9.64
Llandoverly					9.72
Runaway Bay	5.95	0.85	12	10	3.95
Knapdale	12.37	2.94	17	18	
Alexandria	11.56	3.25	17	17	5.45
Bel-Air	9.15	1.35	15	17	
Brown's Town	11.04	3.07	17	15	11.23
Watt Town, St. Ann	3.01	1.58	13	8	5.15
Home Castle	11.52	2.80	17	14	9.00
Richmond Pen	8.95	2.40	12	9	5.99
Areadia	5.63	0.85	29	15	7.50
Vale Royal	5.31	0.81	29	15	7.75
Harmony Hall	3.22	0.95	17	13	6.11
Duncans					
Clark's Town	8.16	1.70	12	9	
Falmouth	2.75	0.67	12	7	5.02
The Hague	3.15	0.82	12	12	
Wales					

STATIONS.	November, 1934.					STATIONS.	November, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.					
Adelphi	6.37	1.75	17	15		Mereworth	4.87	1.00	10	11	
Success	5.05	0.95	14	10	5.22	Mandeville	5.13	0.72	12	16	7.05
Rose Hall	5.15	1.63	14	11	5.71	Ulster Spring	10.49	2.47	27	11	7.30
Cinnamon Hill	5.19	1.40	14	11	5.56	Marshall's Pen					6.38
Tryall	5.10	1.40	14	14	4.30	Greenvale	5.72	1.50	17	9	
Running Gut	6.45	2.05	14	10	5.21	Albert Town	4.19	0.84	17	12	7.40
Spring Estate	4.60	1.25	14	14	5.74	Craig Head	7.12	2.48	11	5	
Friendship	9.84	1.79	10	17	5.97	Warsop	8.06	2.58	1	12	
Retirement	6.23	1.93	13	15	6.54	Troy	6.06	2.00	11	7	7.07
Rose Mount	7.58	1.52	10	16		Wallingford	10.50	1.79	12	14	6.87
Montego Bay	7.44	1.48	15	15	5.10	Balaclava	6.44	1.50	4	7	5.93
Anchovy	4.27	1.12	13	13	3.23	Wakefield					
Hopewell	7.69	1.54	13	13		Maggotty	8.22	2.62	12	10	6.81
Bamboo-Hanover	7.25	1.47	15	16		Lacovia	6.56	2.04	12	10	
Blue Hole	9.92	2.89	11	17	8.07	Ipswich					
Cascade	12.64	2.44	11	21		Kempshot	8.66	2.20	13	20	6.70
Kew	11.85	2.30	8	15	4.62	Garlands					
Lucea	8.93	2.67	8	14	5.82	Mocho, St. James	5.76	1.68	18	12	
Haughton Court					4.58	Bandon Pen	9.46	3.13	13	14	
Kendal	13.70	2.75	3	17		Catadupa	5.73	1.20	3	15	8.01
Cousins Cove	8.68	2.35	17	15		Cambridge, St. James	4.43	1.30	13	13	5.53
Green River	8.58	2.00	13	14		New Market	6.92	1.66	14	10	7.39
Green Island	6.51	2.25	13	10	4.62	Kew Park	3.18	0.91	13	12	5.66
Haughton Hall	5.44	1.34	13	15		Montpelier					5.08
CENTRAL SUB-DIVISION.						The Bog	9.06	1.98	9	13	6.66
Knollis	12.59	6.10	17	11		Bethel Town Dist.	2.94	0.80	13	14	7.50
Highgate	15.90	6.12	17	19		Burnt Ground	3.87	0.86	14	7	5.96
Rio Magno	15.79	3.25	17	15		Haughton Grove	4.20	0.57	14	10	5.46
Riversdale	14.25	4.80	17	8		Darlston	4.78	0.82	17	14	7.35
Headworks, R.C.C.	6.96	1.80	13	8	5.12	Bluefields	8.00	1.64	10	12	6.48
Bog Walk	9.50	4.80	17	6		Whithorn	4.58	1.27	17	11	6.06
Linstead	11.39	5.05	17	12	6.47	Water Works Pen	4.68	1.07	9	11	4.90
Ewarton	10.15	4.70	17	7		Askenish	6.77	1.20	15	20	5.04
Cave Valley	2.62	1.40	13	10	5.30	Grange Hill	3.33	1.42	11	9	5.66
Guanaboa Vale	7.10	1.37	2	7		King's Vale	7.94	2.03	13	8	5.05
Point Hill	10.90	3.74	17	15	10.01	SOUTHERN DIVISION (S.)					
Brown's Hall	7.05	2.52	11	6	10.46	Morant Point L. H.	16.61	5.02	16	20	7.97
Bellas Gate	3.11	1.10	17	6	3.56	Golden Grove					
Rock River	4.19	1.88	13	4		Pleasant Hill	20.03	5.60	17	12	8.87
Crofts Hill	11.23	3.40	17	10	6.40	East Prospect	17.69	7.12	16	18	10.31
Far Enough	9.17	2.78	17	14		Morant Bay	14.52	6.10	16	14	7.22
Suttons	3.79	1.85	13	8		Aeolus Valley	12.94	7.70	16	9	
Colonel's Ridge	10.20	2.67	27	13		Yallahs	6.77	4.61	16	4	
Chapelton	5.28	1.56	13	11	4.83	Easington	7.63	3.35	16	9	5.38
Crooked River	5.39	1.73	13	10		Mavis Bank	13.67	3.16	16	15	
James Hill	9.77	2.53	13	11		Bull Bay	6.88	1.70	25	10	3.10
Frankfield	5.47	1.98	17	12	4.39	Dallas Castle	11.18	2.85	10	15	
WEST-CENTRAL DIVISION (W.C.)						Gordon Town	15.66	4.52	17	11	9.01
Mocho, Clarendon	4.18	1.86	11	7	5.67	Irish Town	19.03	3.90	16	19	8.98
Clarendon Park	1.49	0.49	13	9		Hope Gardens	11.60	2.95	17	15	5.80
Porus	2.92	0.77	11	11		Waireka					
Borobridge	7.28	1.80	17	10		Ivor	12.26	2.94	17	16	
Spaldings	7.55	2.40	17	10	4.88	Barbican	9.27	2.15	17	14	
Williamsfield	4.87	1.28	17	9		Plumb Point L. H.	4.16	1.30	16	7	2.45
Brokenhurst	8.17	2.12	11	10	7.29	King's House Gar.	7.53	2.40	18	10	4.75
Shooters Hill	3.61	1.40	17	4	6.74	Cavaliers	4.81	1.37	17	11	
Wait-a-Bit	9.55	2.22	13	15	8.09	Upper Kingston	4.04	1.25	17	12	2.52
Christiana	5.45	1.71	13	12	6.35	Kingston P.W.O.	4.06	1.61	17	9	2.92
Clifton Hill					5.44	Constant Spring	12.83	3.07	17	15	
Kendal, Manchester	3.66	1.20	17	8	6.41	Halfway Tree	6.49	2.19	17	12	4.05
						Clifton Pen	5.01	1.39	16	12	4.82
						Red Hills	10.77	2.05	17	11	

STATIONS.	November, 1934.					STATIONS.	November, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, contd.						SOUTHERN DIVISION, contd.					
Quarantine Station	2.11	0.69	17	7	2.56	Great Valley, Man.	2.69	1.13	11	9	4.58
Hematine	5.77	2.12	20	12	3.67	Alligator Pond	5.22	1.46	12	17	3.55
Spanish Town	6.67	1.77	20	12	3.80	Fairfield	9.79	2.63	11	8	6.59
The Stewartry	4.90	1.34	13	10	..	Lititz	5.99	1.33	14	12	4.38
Cross Pen	4.34	1.41	13	7	..	Myersville	7.28	1.31	15	17	..
Hog Hole, St. Cath.	6.21	1.75	5	12	4.60	Southfield, St. Eliz.	8.91	2.21	12	16	4.69
Old Harbour	3.26	1.40	14	9	4.67	Munro	9.89	3.10	12	12	..
May Pen	2.10	0.53	12	9	4.60	Windsor, St. Eliz.	6.38	2.45	14	9	6.57
Glen Muir	2.40	1.50	12	3	..	Torrington	7.28	3.80	12	10	6.09
Cottage	1.69	0.50	17	6	..	Santa Cruz	3.21	0.95	17	7	..
Belle Plain	2.18	1.11	13	5	..	Pedro Plains	3.07	0.93	11	11	3.85
Milk River	4.14	2.07	11	10	5.12	Mountainside	7.75	2.10	4	11	5.88
Retrieve	3.02	0.96	14	6	5.22	Fort Charles	7.70	2.10	16	14	..
Hog Hole, S. Man.	5.45	1.80	14	6	5.20	Black River	3.87	0.75	3	13	4.36
Stone's Hope	6.53	3.40	14	11	5.58	Font Hill	4.30	1.50	14	9	4.82
Newport, Man.	4.66	1.10	14	12	6.73	Mount Edgecombe	2.78	1.11	10	11	4.98
						Sweet River	3.86	1.03	16	9	3.82
						Sav.-la-Mar	2.13	0.51	4	11	3.67
						Little London					3.98
						Retreat					4.60
						Negril Point L. H.					3.83

NOTES.

SHOCKS OF EARTHQUAKE IN NOVEMBER, 1934.

COMPARATIVE TABLE OF RAINFALL AND RAINY DAYS.					Date.	Standard Time (Approx.)	Intensity.	Notes, where, etc.
DIVISIONAL AND ISLAND RAINFALL.	November.				25th	2.30 a.m.	I	Unity Valley Kingston
	Rainfall.		Rainy Days.					
	1934.	Ave.	1934.	Ave.				
	Ins.	Ins.						
North-Eastern ..	20.86	15.52	16	16				
Northern ..	7.09	6.42	12	11				
West-Central ..	6.07	6.21	12	11				
Southern ..	7.12	5.01	11	9				
The Island means ..	10.29	8.29	13	12				

N.B.—IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POSTCARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND—NOVEMBER.

The mean rainfall for the Island exceeded the average in all divisions, except the West Central, which shows a small deficiency.

Flood rains fell in the North-Eastern division from the 12th to the 17th and particularly on the latter date, which caused considerable damage to roads and bridges in the eastern parishes. During this period a brisk "Norther" was experienced in several parishes, causing material damage to banana cultivation in Manchester, Clarendon, St. Catherine and elsewhere.

The greatest total fall for the month was 64.53 ins. at Balcarres in the North Eastern division and the heaviest falls in 24 hours were 17.64 ins. at Mount Holstein, 16.80 ins. at Castleton Gardens and 16.12 ins. at Balcarres, all in the North Eastern Division, on the 17th.

The mean number of rainy days was 13, the average being 12. Manchioneal and Hope Bay, both in the North-eastern Division, had most rainy days—24 each.

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston	4.09	St. James	6.49
St. Andrew	16.19	Hanover	8.86
St. Thomas	17.67	Westmoreland	4.66
Portland	28.42	St. Elizabeth	7.71
St. Mary	16.86	Manchester	4.80
St. Ann	11.43	Clarendon	5.30
Trelawny	6.05	St. Catherine	11.16

CITY OF KINGSTON.

The total rainfall for the month of November was 4.06 ins., shewing 1.14 inch above the 60-year normal of 2.92 ins., or, otherwise, about 40% in excess of normal. The greatest fall in 24 hours was 1.61 inch on the 17th. The total number of rainy days was 9, as compared with the 49-year—average of 7.5. The upper boundary of Kingston gauged 4.04 ins., with 12 rainy days.

Number of days upon which distant rain was observed, as follows: To northward 7, to northeastward 8, to eastward 2 and to north-westward 3.

Distant thunderstorm to northward on 11th, 12th and 17th; to north-westward on 10th (intense), 11th, and 17th; Moderate local thunderstorm on 11th at about 4.45 p.m.

The mean barometric pressure was 29.871 ins., the 33-year normal being 29.892 ins., shewing 0.021 inch below the normal. The highest barometer reading was 29.957 ins. on the 9th at 3 p.m., and the lowest, 29.753 ins. on 29th at 7 a.m., correc. for diur. variation.

The mean monthly temperature, based upon four observations per day, was 77.5 degs., and the 33-year normal shews 78.3 degs. or, 0.8. deg. below the normal. Highest maximum temperature 89.6 degs. on the 9th, and the lowest minimum 65.8 degs. on 26th. On the other hand the lowest maximum was 82.0 degs. on 13th, owing to overcast conditions and light rain for seven hours. And the highest minimum was 71.1 degs. on 30th. The greatest range of temperature was 19.6 degs. on 23rd, and the least range 9.5 degs. on 13th, owing to rain. The maximum was below 90 degs. throughout, and the minimum below 70 degs. eleven times, confined, chiefly, to the period 21st to 29th.

The mean daily miles of wind, registered, was 142, as compared with the 25-year normal of 141. The greatest number of miles of wind recorded in 24 hours was 256 on the 30th, and the least 89 on the 16th. South-easterly wind continued until after 7 p.m. on one occasion, and throughout the night of the 30th. A fresh "norther" blew at intervals between the 22nd and 29th (7 days).

The mean relative humidity was 80%, which is 2% below the 33-year average of 82%. The mean 7 a.m. was 86 %, and the mean 3 p.m. 69%. The lowest 7 a.m. was 77% on the 8th, and the lowest 3 p.m. 54% on 23rd.

The sky was overcast in the early morning on eleven occasions and in the afternoon on seven.

The total evaporation for November was 3.82 ins. The 10-year average being 3.55 ins.

Mean daily number of sunshine hours 4.9.

A slight shock of earthquake was felt on 25th at about 2.20 a.m., direction variable, and the max. horizontal movement was 0.006 inch.

CAYMAN ISLANDS.

Government House, Georgetown, Grand Cayman.—Total rainfall for November, 1934, was inches. Greatest fall in 24 hours inches, on the , with rainy days.

J. F. BRENNAN,
Government Meteorologist.

Kingston,
December 20th, 1934.

No. 699.



JAMAICA
WEATHER REPORT
FOR THE MONTH OF
DECEMBER, 1934.

The Bar. pressure at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screen; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower (L) clouds are for the most part fracto-stratus; the Middle (M) clouds cumulus and the Upper (U) clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure			Temperature.				Extreme Temperature.					
		7 a.m.	3 p.m.		7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	ins.	ins.	°	°	°	°	°	°	°	°	°	°	°
Morant Point Light House	8	29.995	29.958	78.8	80.4	82.2	75.6	6.6	85.6	1	71.5	13	14.1	
Kingston	24	29.963	29.906	70.8	84.7	86.1	69.6	16.5	90.8	3	65.5	27	25.3	
Negril Point Light House	33	29.979	29.935	73.4	82.2	85.2	71.2	14.0	88.6	22	63.4	31	25.2	
Castleton Gardens	496			68.8	78.6	81.2	67.8	13.4	84.0	1*	63.0	30	21.0	
Hope Gardens†	668	30.014	29.920	68.5	82.9	85.3	66.9	18.4	88.0	2*	62.0	13	26.0	
Boon Hall	970	29.969	29.903	66.1	83.9	84.1	63.2	22.9	89.0	21	58.5	31	30.5	
Hill Gardens	4,900	25.241	25.232	61.8	63.6	67.0	55.3	11.7	69.0	5*	53.0	13	16.0	

STATIONS.	Elevation.	Dewpoint and Rel. Humidity.					Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.					7 a.m.		3 p.m.		7 a.m.			3 p.m.		
	ft.	°	%	°	%	ins.	Mls.	Dir.	m.p.h.	Dir.	m.p.h.	L.	M.	U.	L.	M.	U.	
Morant Point Light House	8	72	80	72	76	6.95	335	NE	15.0	NE	14.5	4.0	1.6	1.3	2.5	3.0	0.9	
Kingston	24	66	84	70	62	1.40	163	N	5.3	SE	10.4	2.3	0.8	1.5	2.5	1.5	0.8	
Negril Point Light House	33	67	80	70	67	3.38	271	NE	11.8	NNE	13.3	2.5	0.3	2.4	2.6	3.0	1.7	
Castleton Gardens	496	67	95	75	89	8.10	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	63	86	72	70	2.54	..	..	..	..	..	..	..	..	..	..	..
Boon Hall	970	63	90	66	67	3.46	..	NE	2.2	WNW	6.3	1.4	1.2	1.7	1.2	3.8	0.6	
Hill Gardens	4,900	57	84	61	90	7.67	..	..	..	..	..	..	..	..	..	..	..

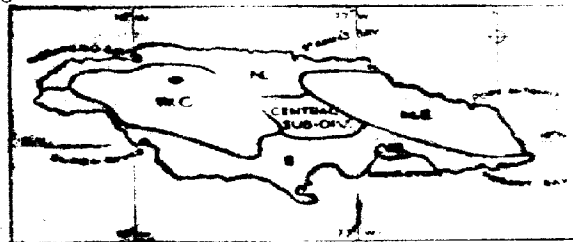
* And on other days. † Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1929." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last columns that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Division.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



December, 1934.

STATIONS.

NORTH-EASTERN
DIVISION, (N.E.)

STATIONS.	Total Fall.	Greatest fall in 24 hours.	Days on which 0.01 or more fell.	Average.	
	Amount.	Date.			
Manchioneal	13.93	1.74	6	19	7.25
Priestman's River	12.00	2.60	10	11	5.59
Bath	12.41	3.70	10	19	8.68
Barrett's Gap	12.55	2.07	9	21	
Millbank	24.75	4.76	10	17	
Moore Town	15.02	2.00	5	25	23.75
Port Antonio	15.04	2.80	7	26	12.43
Passley Garden	12.49	2.59	5	24	
Fellowship	19.12	4.00	12	18	18.25
Johnson River Br.	5.81	1.22	6	12	4.73
Trinity Ville	8.36	2.78	7	12	
Fruitful Vale	18.55	3.24	6	21	
Hope Bay	14.54	2.42	5	27	
Cedar Valley	7.81	4.32	7	9	4.29
Moy Hall	7.04	4.10	7	11	5.56
Paradise	19.56	2.81	5	26	
Lennox	18.14	3.04	4	22	
Greenvale	11.80	2.90	23	19	22.57
Spring Garden	9.47	2.50	5	22	8.06
Hill Gardens	7.67	5.00	7	14	9.68
Buff Bay	11.42	2.50	5	22	11.80
Orange Vale	13.44	2.26	23	20	
Belvedere, Portland	14.20	2.64	7	10	13.85
Windsor Castle, do.	13.41	2.60	5	24	11.68
Balcarres	11.56	2.85	4	18	
Mt. Holstein	6.92	1.82	7	20	19.56
Cedar Hurst	7.37	2.28	4	19	
Hardware Gap	5.50	2.75	8	9	6.29
Rose Hill	3.00	1.22	7	8	5.06
Hermitage	3.19	1.49	7	11	
Mount Airy	5.54	1.95	7	10	
Stony Hill Ind. Sch.	3.55	1.43	7	13	3.81
Boon Hall	3.46	1.16	7	14	

December, 1934.

STATIONS.

NORTH-EASTERN
DIVISION, *contd.*

DIVISION, Jamaica.				Total Fall.	
STATIONS.	Total Fall.	Greatest fall in 24 hours.	Days on which 0.01 or more fell.	Average.	
Brandon Hill	4.85	2.10	4	12	
Enfield	10.73	3.00	23	20	
Agualta Vale	11.32	2.13	26	17	9.48
Castleton Gardens	8.10	2.35	7	15	12.78
Water Valley	14.79	2.23	5	15	9.46
Albany	11.86	2.12	26	22	9.41
Lawrence Tavern	4.76	1.47	4	8	1.36
Wey Hill	2.71	0.71	7	11	
Richmond, St. Mary	6.64	1.50	25	11	9.83
Quebec, St. Mary	10.25	2.47	5	17	9.47
Above Rocks	4.59	1.49	7	6	
Glengoffe	3.42	2.00	7	5	
Carew Castle	2.88	1.01	5	5	4.70
Hampstead, St. Mary	9.72	1.66	31	23	11.86
Windsor Castle do.	10.00	1.78	4	21	
Troja	4.15	1.35	23	9	
Pear Tree Grove	1.94	1.74	7	2	
Guy's Hill	6.10	1.92	23	12	7.42
Lucky Hill	7.99	1.08	31	18	10.23
Rio Hoe	4.56	1.30	1	10	8.45
Unity Valley	6.72	0.91	23	20	7.25
Moneague	4.43	1.07	24	13	7.25
Claremont	4.60	1.30	4	7	7.78
Averham Park	7.21	1.50	4	19	10.25
Albion	5.53	1.29	4	12	7.86

NORTHERN
DIVISION (N.)

Port Maria	9.40	2.20	5	20	7.95
Wentworth	8.73	2.20	5	16	..
Eden Park					..
Oracabessa	8.61	1.34	5	14	..
Huddersfield	7.97	1.95	24	7	..
Ocho Rios	6.48	1.30	31	19	6.62
Bogue, Ocho Rios	8.70	1.50	31	15	8.11
Drax Hall					8.04
Rockfield	9.38	1.27	26	17	9.39
Liberty Hill	11.20	1.20	26	18	7.86
St. Ann's Bay	8.54	1.85	28	11	7.25
Seville					7.30
Richmond Estate	5.88	1.30	31	13	7.92
Llandoverly					7.83
Runaway Bay	5.31	1.40	10	13	3.39
Knapdale	13.88	4.77	10	19	..
Alexandria	3.00	1.40	10	7	2.67
Bel-Air	11.65	2.75	10	14	..
Brown's Town	8.20	1.59	10	13	8.42
Watt Town, St. Ann	2.61	0.85	10	6	2.06
Home Castle	11.45	4.30	10	14	7.53
Richmond Pen					4.42
Arcadia	6.15	1.10	23	13	6.65
Vale Royal	7.05	2.49	10	13	7.38
Harmony Hall	6.96	1.62	30	15	5.85
Duncans					..
Clark's Town					..
Falmouth					4.53
The Hague	5.98	2.30	9	13	..
Wales	5.25	1.75	11	7	..

December, 1934.						December, 1934.					
STATIONS.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.	STATIONS.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.					
Adelphi	8.31	2.44	9	13		Mereworth	1.65	0.70	8	6	
Success	5.05	0.75	8	10	3.95	Mandeville	1.61	0.60	7	8	2.95
Rose Hall	4.42	0.65	7	10	4.64	Ulster Spring	6.36	2.27	10	9	4.08
Cinnamon Hill	5.26	1.00	10	12	4.66	Marshall's Pen					2.81
Tryall	5.85	1.40	9	11	3.28	Greenvale	1.59	0.50	7	8	
Running Gut	5.48	0.85	9	11	4.73	Albert Town	2.08	0.99	11	6	3.71
Spring Estate	5.30	1.25	10	10	4.51	Craig Head	3.40	0.82	7	5	
Friendship	7.00	2.10	10	14	2.88	Warsop	4.28	1.56	10	9	
Retirement	6.49	1.50	9	16	2.94	Troy	2.72	0.84	7	8	3.05
Rose Mount	6.27	1.61	9	12		Wallingford	3.04	1.39	10	8	2.26
Montego Bay	7.08	2.05	9	13	4.26	Balaclava	2.66	1.33	11	3	2.16
Anchovy	3.80	1.78	10	8	2.85	Wakefield					
Hopewell	11.60	5.39	9	11		Maggotty	3.98	1.55	29	7	2.88
Bamboo-Hanover	8.39	3.20	9	13		Lacovia	2.16	2.16	7	1	
Blue Hole	6.60	2.66	10	7	2.32	Ipswich					
Cascade	10.78	4.11	10	12		Kempshot	4.68	2.08	9	14	5.03
Kew					3.04	Garlands					
Lucea	2.56	1.39	7	5	3.37	Mocha, St. James	7.20	1.80	10	8	
Haughton Court					3.17	Bandon Pen	4.60	1.25	7	10	
Kendal—Hanover	8.82	3.53	10	6		Catalupa	5.03	1.24	10	8	2.88
Cousins Cove	3.11	1.68	7	12		Cambridge, St. James	2.62	1.25	7	10	2.26
Green River	5.64	1.71	10	9		New Market	2.26	1.04	7	4	2.01
Green Island	3.12	1.50	7	5	2.14	Kew Park	2.82	1.11	7	5	2.56
Haughton Hall	2.46	1.03	7	9		Montpelier					1.75
CENTRAL SUB-DIVISION.						The Bog	3.46	1.55	7	6	2.79
Knollis	3.69	1.19	6	5		Bethel Town Dist.	3.65	1.20	7	9	2.19
Highgate (St. Cath.)	4.51	1.61	7	10		Burnt Ground	3.03	0.87	8	7	2.99
Rio Magno						Haughton Grove					2.95
Riversdale	2.96	1.00	7	9		Darliston	5.62	1.20	17	14	2.96
Headworks, R.C.C.	6.96	1.80	13	8	2.00	Bluefields	5.12	1.57	5	11	2.67
Bog Walk	1.85	1.10	4	3		Whithorn	8.11	2.87	4	9	2.49
Linstead	0.53	0.22	8	7	3.37	Water Works Pen	6.84	2.70	7	10	2.21
Ewarton	1.26	0.50	4	4		Askenish					2.33
Cave Valley	0.33	0.13	15	5	3.05	Grange Hill	3.22	1.49	7	8	3.01
Guanaboa Vale	1.10	1.10	7	1		King's Vale	5.97	2.52	9	3	2.93
Point Hill	5.09	2.43	4	9	4.43	SOUTHERN DIVISION (S).					
Brown's Hall	2.63	1.07	5	7	3.31	Morant Point L. H.	6.95	2.48	10	20	5.58
Bellas Gate	2.50	1.50	5	3	0.98	Golden Grove	11.15	3.90	9	19	
Rock River	2.88	1.78	4	6		Pleasant Hill	8.48	2.65	10	14	4.39
Crofts Hill	1.93	0.72	6	10	2.16	East Prospect	5.31	1.86	6	19	4.65
Far Enough	3.55	1.19	7	12		Morant Bay	5.17	1.69	6	43	3.96
Suttons	5.09	2.84	5	6		Aeolus Valley					
Colonel's Ridge	5.69	2.65	7	7		Yallahs	3.32	2.23	7	5	
Chapelton	3.66	1.37	7	9	2.32	Easington	4.54	3.18	7	8	2.63
Crooked River	2.99	1.42	7	8		Mavis Bank	3.68	2.92	7	7	
James Hill	2.09	0.74	7	9		Bull Bay	2.20	2.00	7	2	1.07
Frankfield	0.85	0.38	4	5	2.04	Dallas Castle	2.69	2.12	7	3	
WEST-CENTRAL DIVISION (W.C.)						Gordon Town	3.64	2.68	7	6	2.93
Mocha, Clarendon	4.82	2.08	7	7	2.00	Irish Town	3.61	2.50	7	8	3.11
Clarendon Park	2.53	1.11	7	7		Hope Gardens	2.54	2.02	7	6	2.58
Porus	2.92	1.12	7	6		Wairaka					
Borobridge	2.19	0.68	4	6		Ivor	2.31	1.57	7	8	
Spaldings	2.72	0.95	7	11	2.13	Barbican	2.42	2.00	7	5	
Williamsfield	2.41	0.95	5	8		Plumb Point L. H.	1.55	1.00	7	3	1.31
Brokenhurst	1.87	0.63	7	7	3.04	King's House Gar.	2.00	2.00	7	1	1.91
Shooters Hill	2.30	1.05	5	5	2.16	Cavaliers	1.66	1.43	7	4	
Wait-a-Bit	3.25	0.56	8	9		Upper Kingston	1.63	1.49	7	3	0.73
Christiana	1.98	0.79	5	10	2.93	Kingston P.W.O.	1.40	1.39	7	2	1.41
Clifton Hill	2.02	1.75	8	2	1.57	Constant Spring	3.69	1.43	7	8	
Kendal, Manchester	2.36	1.17	5	5	2.50	Halfway Tree	2.23	2.20	7	5	1.70
						Clifton Pen	1.92	1.92	7	1	1.10
						Red Hills	2.71	1.65	7	5	

STATIONS.	December, 1934.					STATIONS.	December, 1934.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, contd.						SOUTHERN DIVISION, contd.					
Quarantine Station	In. 1.80	Ins. 1.80	8	1	In. 0.79	Great Valley, Man.	Ins. .	Ins. .	.	.	In. 2.41
Hematine	2.23	2.18	7	3	1.34	Alligator Pond	2.00	1.65	7	2	1.97
Spanish Town	2.80	2.80	7	1	1.79	Fairfield	2.09	1.00	7	13	2.43
The Stewartry	0.80	0.80	7	1	.	Lititz	.	.	.	.	1.22
Cross Pen	1.77	1.77	7	1	.	Myersville	1.51	1.11	7	2	.
Hog Hole, St. Cath.	6.21	1.75	5	12	1.98	Southfield, St. Eliz.	2.37	2.20	7	3	1.61
Old Harbour	1.11	1.01	7	2	2.33	Munro	.	.	.	.	.
May Pen	1.13	1.05	7	3	2.00	Windsor, St. Eliz.	2.69	2.40	7	4	.
Glen Muir	1.50	1.50	7	1	.	Torrington	3.50	3.50	7	1	2.42
Cottage	1.46	0.95	7	3	.	Santa Cruz	2.07	1.02	7	3	2.60
Belle Plain	3.56	3.00	7	4	.	Pedro Plains	4.08	3.92	7	2	1.44
Milk River	1.48	1.40	7	3	1.82	Mountainside	0.00	.	.	0	1.29
Retrieve	2.01	1.26	7	3	1.25	Fort Charles	1.76	1.76	7	1	.
Hog Hole, S. Man.	2.44	1.64	9	4	1.83	Black River	1.95	1.53	7	3	2.22
Stone's Hope	2.19	1.10	7	6	2.54	Font Hill	2.20	1.80	7	4	1.99
Newport, Man.	1.93	0.82	7	8	3.02	Mount Edgecombe	2.29	1.70	7	5	2.36
						Sweet River	4.43	1.72	7	10	2.22
						Sav.-la-Mar	4.90	1.60	5	6	1.96
						Little London	4.04	1.57	5	9	2.17
						Retreat	2.38	1.22	7	3	2.21
						Negril Point L. H.	3.38	1.13	2	8	1.97

NOTES.

SHOCKS OF EARTHQUAKE IN DECEMBER, 1934.

COMPARATIVE TABLE OF RAINFALL
AND RAINY DAYS.

COMPARATIVE TABLE OF RAINFALL AND RAINY DAYS.					Date.	Standard Time (Approx.)	Intensity.	Notes, where, etc.
DIVISIONAL AND ISLAND RAINFALL.	December.				17th	1.25 p.m.	1	Windsor, St. Eliz.
	Rainfall.		Rainy Days.					
	1934.	Ave.	1934.	Ave.				
	In.	Ins.						
North-Eastern	8.96	10.32	16	14				
Northern	5.50	5.03	10	9				
West-Central	3.68	3.26	7	7				
Southern	2.95	2.19	6	6				
The Island means	5.27	5.20	10	9				

N.B.—IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POSTCARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND—DECEMBER

The mean monthly rainfall was slightly above the average. The North-Eastern Division was below normal but all the other Divisions were above.

The greatest total fall for the month was 24.75 ins. at Millbank in the North-Eastern Division, and the heaviest fall in 24 hours was 5.39 ins. at Hopewell in the Northern Division on the 9th.

No rain fell at Mountainside in the Southern Division.

The heaviest precipitation appears to have taken place during the first fortnight, with marked preponderance on the 7th.

The mean number of rainy days was 10, the average being 9.

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston	1.53	St. James	5.56
St. Andrew	3.59	Hanover	6.01
St. Thomas	7.61	Westmoreland	4.38
Portland	13.90	St. Elizabeth	2.51
St. Mary	9.25	Manchester	2.09
St. Ann	6.98	Clarendon	2.82
Trelawny	5.01	St. Catherine	2.97

"NORTHER."

A brisk "norther" was felt throughout the Island on the 12th December, decreasing in strength on the 13th. On the 12th the surface wind at Morant Point blew at 25 miles per hour at 3 p.m., at Kingston 23 miles per hour, and at Negril Point 25 miles per hour. The sky was generally overcast during this period. On the 13th the velocity of the wind decreased to one-half.

FOR THE YEAR 1934.

The Comparative Table A attached gives the annual mean monthly rainfall in each division, with the respective totals, compared with the 60-year average, and shews an excess of 5.95 ins.

The mean number of rainy days is also given and shews an excess of 17 over the 33-year average.

The mean rainfall per rainy day was 0.58 ins.

In the first half of the year the rainfall was 16% above the average, but in the second half it was only 2% above.

Table B gives the mean rainfall in the 14 parishes each month. Portland with 130.19 ins. had the highest total for the year, Hanover was next with 97.18 ins. and St. Mary with 94.84 ins. was third, Kingston with 25.95 ins. was lowest.

Certain differences will be observed between Tables A and B in regard to both the total for the year and that for each month. Such discrepancies are inevitable, as the former is based only on stations with an average, while the latter includes all stations. Table B, however, provides figures from which the table below is prepared, showing the parish totals in consecutive order from the highest to the lowest, and from which the incidence of distribution of rainfall may be more satisfactorily studied. The approximate percentages, either above or below the mean total rainfall of 79.82 ins. shown on Table A, are also given.

Summary showing Consecutive Order of Parish Rainfall.

Parish.	Mean Total Rainfall 1934. Ins.	Approx. Percentage above 1934 mean 79.82 ins.	Approx. Percentage below 1934 mean.
Portland	130.19	63%	
Hanover	97.18	22%	
St. Mary	94.84	20%	
Westmoreland	91.73	15%	
St. Thomas	87.68	10%	
St. Andrew	83.39	4%	
St. Elizabeth	73.32		8%
St. Catherine	72.92		9%
St. James	69.97		12%
St. Ann	69.51		12%
Trelawny	68.18		15%
Manchester	66.63		17%
Clarendon	64.41		19%
Kingston	25.95		66%

CITY OF KINGSTON—DECEMBER, 1934.

The total rainfall for the month of December was 1.40 inch which almost corresponds with the 60-year normal of 1.41 inch. The greatest fall in 24 hours was 1.39 inch on 7th. There were two rainy days as against the 49-year average of 1.6. The upper boundary of Kingston gauged 1.63 inch with 3 rainy days.

Number of days upon which distant rain was observed are as follows:—To northward on 5 days, to north-eastward on 4 days, to south 2 days, to south-west on 1 day and to north-west one day.

Distant vivid lightning to north and north-west on 5th; distant thunderstorm to north on 3rd and 6th, and to south-west and west on 7th.

The mean barometric pressure was 29.948 ins., the 33-year normal being 29.941, shewing 0.007 inch above the normal. The highest barometer reading was 30.008 inches on 16th at 3 p.m., and the lowest 29.861 inches on 7th at 7 a.m. corrected for diurnal variation.

The mean monthly temperature, based upon four observations per day, was 77.3 degs. and the 33-year normal shows 76.8 degs., or 0.5 deg. above the normal. Highest maximum temperature 90.8 degs. on 3rd., and the lowest minimum 65.5 degs. on 27th. On the other hand the lowest maximum was 75.3 degs. on the 12th, and highest minimum 73.7 degs. on the 11th. The greatest range of temperature was 22.6 degs. on the 27th and the least range 5.2 degs. on 12th, owing to the brisk "norther" on 12th. The maximum was below 90 degs. once, and the minimum was below 70 degs. 20 times.

The mean daily miles of wind registered was 163, as compared with the 25-year normal of 146. The greatest number of miles of wind recorded in 24 hours was 429 on 12th, when a brisk "norther" prevailed, and the least 98 on the 23rd. Fresh to brisk "norther" blew at intervals on 11 days. There was a very brisk "norther" on the 12th and the anemometer register indicated the velocity of wind at noon of 23 miles per hour, then, at 5 p.m. 20 miles per hour, decreasing to 11 miles per hour at midnight. The following day, 13th, the wind varied from about 10 to 6 miles per hour. From past observations a "norther" in these regions rarely exceeds half a mile in thickness. From pilot balloon ascents made on 12th at 6.50 a.m. the following were found:—

At an altitude of	700 ft.	the wind blew from north	36 m.p.h.
do.	1,350	do. do. do.	32 do.
do.	2,000	do. do. do.	12 do.
and at about $\frac{1}{2}$ a mile aloft only about			$1\frac{1}{2}$ do.

The mean relative humidity was 76%, which is 4% below the normal of 80%. The mean 7 a.m. was 84%, and mean 3 p.m. 62%. The lowest 7 a.m. was 73% on 26th and the lowest 3 p.m. 49% on 25th.

The sky was overcast in the early morning on 12 occasions and in the afternoon on 11 occasions.

The total Evaporation for December was 4.60 inches. The 10-year normal being 4.37 inches.

Mean daily number of sunshine hours 4.3.

CAYMAN ISLANDS.

Government House, George Town, Grand Cayman—Total rainfall for December, 1934 was 0.91 inch. Greatest fall in 24 hours 0.62 inch on the 1st with 2 rainy days.

CITY OF KINGSTON—METEOROLOGICAL RESULTS YEAR 1934.

The recurrent table (C) giving the meteorological results for the year 1934 is appended. The mean barometric pressure for the 12 months was for 7 a.m. 29.949 ins. and for the 3 p.m. 29.904 ins. By applying the correction for diurnal variation to each a mean of 29.937 is derived which is .005 above the 33-year normal. All the months had pressure above the normal, with the exception of April and November. The month of February, 1934 showed the highest mean barometric pressure of 30.001 ins., and November the lowest mean of 29.871 ins.

The mean annual temperature, based upon four observations per day, was 78.1 degs. which is 0.6 deg. above that of the 33-year normal of 78.7 degs. The highest maximum temperature was 93.0 degs. on 19th August, and the lowest minimum was 64.8 degs. on 11th January and 20th March. The monthly greatest extreme range was 25.3 degs. in December, and the least range was 18.8 degs. in May. The mean monthly extreme range was 22.1 degs. or 0.9 deg. less than the year previous.

The Anemometer records (for the year 1934) show a mean total miles of wind per day of 182, as compared with the 25-year normal of 183 miles. The months of April, May, June, November and December were above the normal, and the months of January, February, March, July, August, September and October were below the normal. The greatest mean of 266 occurred in June and the least 139 in October.

The mean relative humidity for the 7 a.m. observation was 83% which shows one per cent. above the normal of 82%, and the 3 p.m. 68%, the normal being 69%. The greatest mean for the year gives 79% which corresponds with the 33-year normal.

The total rainfall for the year as registered at the Public Works Building, Port Royal Street, Kingston, was 26.62 inches, the 60-year normal being 31.57 inches. August had the greatest, with 4.98 inches, and January the least 0.68 inch.

The total number of rainy days was 82, as against the 49-year average of 79. The greatest number of rainy days in one month was 11 in October and the least 2 in December. The upper boundary of Kingston gauged for the year 28.91 inches with 103 rainy days.

The amount of cloudiness for the year was only 2% above the normal.

CORRIGENDA.

Weather Report No. 696 Rainfall 1933 page 13, 2nd paragraph, for February—0.013, read + 0.013 and for December—0.027, read + 0.027.

Table (A)—The Island Rainfall, 1934 (In Inches).

Month.	Divisions.				The Island.		Rainy Days.	
	N.E.	N.	W.C.	S.	1934.	Average for 60 years.	Means for 1934.	Average for 33 years.
January ..	8.89	3.86	3.36	2.91	4.76	4.00	11	8
February ..	15.07	6.50	8.90	5.63	9.03	3.13	14	7
March ..	3.74	3.85	6.05	3.44	4.27	3.35	10	8
April ..	7.60	4.53	10.87	3.58	6.64	4.77	12	9
May ..	6.54	6.03	11.77	4.71	7.26	8.77	11	12
June ..	3.42	3.05	5.63	2.19	3.57	6.53	8	10
July ..	5.11	3.14	8.21	2.96	4.85	4.75	10	9
August ..	9.03	5.33	9.41	6.01	7.44	6.93	11	11
September ..	8.58	5.85	11.30	5.06	7.70	7.94	14	13
October ..	9.07	7.04	12.12	6.73	8.74	10.21	15	14
November ..	20.86	7.09	6.07	7.12	10.29	8.29	13	12
December ..	8.96	5.50	3.68	2.95	5.27	5.20	10	9
Total 1934 ..	106.87	61.77	97.37	53.29	79.82	..	139	..
Total, 60 average ..	99.54	56.68	87.84	51.42	..	73.87	..	122

Table B.—Mean Rainfall, in Inches for each Parish for the year 1934.

Parish.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Kingston	0.70	1.40	1.41	1.54	1.45	0.63	0.75	4.94	2.92	4.59	4.09	1.53	25.95
St. Andrew	4.45	7.85	2.11	4.87	7.85	2.77	4.23	8.39	10.72	10.37	16.19	3.59	83.39
St. Thomas	5.39	7.65	1.93	4.19	4.98	4.87	4.04	11.21	7.54	10.60	17.67	7.61	87.68
Portland	13.43	20.29	3.70	9.38	3.74	1.58	5.44	12.26	9.02	9.03	28.42	13.90	130.19
St. Mary	9.56	15.94	4.78	6.75	7.55	2.93	3.61	5.32	6.57	5.72	16.86	9.25	94.84
St. Ann	5.53	9.20	3.62	6.26	4.49	2.92	3.34	4.15	5.82	5.77	11.43	6.98	69.51
Trelawny	3.31	5.54	5.10	7.49	5.76	2.61	5.01	4.93	7.14	10.23	6.05	5.01	68.18
St. James	2.10	4.92	4.41	5.47	9.81	4.15	4.34	6.67	7.43	8.62	6.49	5.56	69.97
Hanover	1.85	4.75	5.97	9.37	13.14	7.12	10.79	6.93	11.22	11.17	8.86	6.01	97.18
Westmoreland	3.30	7.61	6.39	10.09	10.01	4.54	9.88	9.85	11.01	9.81	4.66	4.38	91.73
St. Elizabeth	4.72	7.54	5.50	8.79	8.25	3.60	4.09	5.11	7.06	8.44	7.71	2.51	73.32
Manchester	3.73	8.13	4.34	4.53	8.75	4.06	4.13	8.05	5.13	8.89	4.80	2.09	66.63
Clarendon	2.19	7.75	2.57	5.27	5.97	3.82	4.47	7.58	6.74	9.93	5.30	2.82	64.41
St. Catherine	4.58	8.25	2.18	4.58	5.29	3.92	4.49	9.61	7.08	8.81	11.16	2.97	72.92
Means	4.63	8.35	3.87	6.33	6.93	3.54	4.90	7.50	7.53	8.71	10.69	5.30	73.28

KINGSTON, JAMAICA.—TABLE (C).—METEOROLOGICAL RESULTS FOR THE YEAR 1934.

(For Elevations, See Foot Notes 1 and 2).

Month.	Barometer Pressure.		TEMPERATURE. (FAH).						Extremes for Month.			Dewpoint and Relative Humidity.		Rain-fall.	Rainy Days.	
	7 a.m. 3 p.m.		Mean.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Min.	Range.	7 a.m. 3 p.m.				
	Ins.	Ins.										°	°	°	°	°
January	29.986	29.939	74.8	68.0	82.0	84.3	66.9	17.4	86.5	64.8	21.7	65	89	66	0.68	5
February	30.011	.963	74.5	68.4	81.0	83.7	67.1	16.6	85.7	65.3	20.4	65	89	68	3.77	9
March	29.983	.931	75.3	69.0	82.6	84.7	67.0	17.7	88.3	64.8	23.5	64	84	63	1.44	5
April	.959	.906	77.0	73.7	82.3	85.2	69.0	16.2	88.0	66.8	21.2	67	81	71	0.37	7
May	.927	.887	79.5	78.1	83.4	86.1	72.5	13.6	87.3	68.5	18.8	70	78	72	1.93	4
June	.941	.911	81.0	78.8	85.2	88.1	74.1	14.0	91.7	69.4	22.3	70	75	73	0.61	6
July	.964	.930	80.8	77.4	85.6	89.2	73.0	16.2	92.6	70.3	22.3	69	77	73	0.85	8
August	.961	.925	80.6	77.2	85.3	88.8	73.1	15.7	93.0	69.6	23.4	70	80	74	4.98	6
September	.911	.869	79.8	75.7	81.6	88.2	72.9	15.3	90.5	70.9	19.6	71	85	74	2.81	10
October	.893	.845	79.1	74.7	84.0	87.3	72.5	14.8	92.2	68.9	23.3	70	87	74	3.72	11
November	.886	.833	77.5	72.1	83.4	86.1	70.4	15.7	89.6	65.8	23.8	68	86	77	4.06	9
December	29.963	29.906	77.3	70.8	84.7	86.6	69.6	17.0	90.8	65.5	25.3	66	84	70	1.40	2
Mean	29.949	29.904	78.1	73.7	83.7	86.5	70.7	15.8	89.7	67.6	22.1	68	83	72	68	..
Totals															26.62	82

NOTES:—(1) Since the year 1907 the observations have been made as follows:—

- At 148½ East Street—(a) Pressure, Barometer 111 ft. above sea level. (b) Temperature (Thermometers 107 ft. above sea level and 4 feet above ground) (c) Clouds and their direction.
 At Public Works Building, Port Royal Street—(d) Rainfall, (Gauge 57.28 ft. above sea level) (e) Wind—(Anemometer 69.38 ft. above sea level, wind vane 70.88 ft. above sea level.)
 (2) Standard Barometer at Public Works Building—24 ft. above sea level.

Month.	Wind. Miles per diem.	Wind: from and Miles per hour.			Clouds: in Tenths.						Weather Conditions, etc.
		7 a.m.	3 p.m.	11 p.m.	Lower.		Middle.		Upper.		
					7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	
January	144	N. 4.5	S.E. 10.3	N. 4.5	1.9	3.4	0.6	1.9	0.6	0.2	Rainfall one-fifth below normal. Intense local thunder storm on 1st, at intervals. Overcast in mornings on 7 occasions, in afternoons 14 occasions.
February	157	N. 4.9	SE. 11.5	N. 4.8	2.5	3.8	0.6	2.0	0.9	0.5	Rainfall more than 6 times the normal. Overcast in mornings 9 occasions in afternoons 14 occasions.
March	160	NNE. 4.2	SE. 9.3	N. 4.4	1.5	4.5	1.2	1.4	1.3	0.6	Rainfall above the normal by 50%. Overcast a.m. 11 occasions p.m. 19 occasions.
April	211	N. 4.5	S.E. 16.2	NE. 4.6	0.8	3.5	1.2	2.1	0.8	0.7	Rainfall very deficient being only one-third the normal. Overcast a.m. 6 occasions p.m. 16 occasions.
May	229	ESE. 6.1	SE. 14.9	ESE. 5.7	0.5	4.5	0.7	1.0	2.2	1.5	Rainfall less than one-half the normal. Overcast a.m. on 9 occasions p.m. 20 occasions.
June	266	SE. 6.8	SE. 18.8	SE. 5.9	0.8	2.0	0.7	1.8	3.6	3.6	Rainfall only one-sixth the normal. Overcast a.m. 12 occasions, p.m. 20 occasions.
July	217	NE. 4.5	NNE. 7.2	NNE. 3.8	0.3	3.9	0.7	1.9	2.1	2.6	Rainfall about one-half the normal. Overcast a.m. on 8 occasions, p.m. 22 occasions.
August	192	NE. 5.2	SE. 15.8	NNE. 3.7	1.5	3.5	0.2	1.9	1.7	1.8	Rainfall 40% above normal. Overcast a.m. on 8 occasions, p.m. 19
September	164	N. 3.7	SE. 13.5	NNE. 3.6	0.9	4.5	0.4	1.6	2.8	1.6	Rainfall 27% below normal. Overcast a.m. 9 occasions, p.m. 20 occasions.
October	139	N. 4.4	SE. 11.2	N. 4.1	1.8	4.4	0.5	1.0	2.8	1.6	Rainfall one-half the normal. Overcast a.m. 12 occasions, p.m. 21 occasions.
November	142	N. 4.7	S.E. 8.1	N. 4.8	1.9	3.9	1.1	2.0	3.9	0.5	Rainfall 40% above normal. Overcast a.m. 11 occasions p.m. 17.
December	163	N. 5.3	S.E. 10.4	N. 4.9	2.3	2.5	0.8	1.5	1.5	0.8	Rainfall the normal. Overcast a.m. 9 occasions, p.m. 20 occasions.
Means	182	N.E. 4.9	S.E. 12.3	NE. 4.6	1.4	3.7	0.7	1.7	2.0	1.3	Rainfall for the year 16% below normal. Rainy days 82—normal 79.